

SONY®

COLOR VIDEO PRINTER

UP-21MD
UP-21MDS
YP-22MD

SERVICE MANUAL

Volume 2 1st Edition

⚠ 警告

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

設置や保守、点検、修理などを行う前に、別冊のサービスマニュアルVolume 1の「安全のために」と別冊の取扱説明書の「安全のために」を必ずお読みください。

⚠ WARNING

This manual is intended for qualified service personnel only.

To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠ WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠ AVERTISSEMENT

Ce manuel est destiné uniquement aux personnes compétentes en charge de l'entretien. Afin de réduire les risques de décharge électrique, d'incendie ou de blessure n'effectuer que les réparations indiquées dans le mode d'emploi à moins d'être qualifié pour en effectuer d'autres. Pour toute réparation faire appel à une personne compétente uniquement.

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このマニュアルについて

本書の目的

本書はカラービデオプリンタUP-21MD/21MDS/YP-22MDのサービスマニュアル Vol.2です。

本書では、半導体、補修部品表、ブロックダイヤグラム、回路図、マウント図を記載しています。

関連マニュアル

この「サービスマニュアルVol.2」の他に、下記のマニュアルが用意されています。

- ・ **サービスマニュアルVol.1**

部品番号：9-955-306-11 (J向)

本機のサービスインフォメーション、電気調整およびメカ調整方法、センサの配置および機能、回路動作説明、トラブルシューティングを記載しています。

- ・ **取扱説明書**

部品番号：3-206-154-01

本機を実際に運用および操作するのに必要な情報を記載しています。

- ・ **“Semiconductor Pin Assignments” CD-ROM版 (別途用意)**

この“Semiconductor Pin Assignments” CD-ROM版は、B&Pカンパニーの機器に使用されている半導体を検索することができます。

このCD-ROMで検索できない半導体は、その半導体が使用されている機種のサービスマニュアルに記載されています。サービスマニュアルには、その機種に使用されているすべての半導体一覧とそのID番号を記載していますので、このCD-ROM版と合わせて使用してください。

部品番号：9-968-546-XX

Manual Structure

Purpose of this manual

This manual is the Service Manual Vol.2 of the Color Video Printer UP-21MD/21MDS/YP-22MD.

This manual contains the semiconductor pin assignment, spare parts, block diagrams, schematic diagrams and board layouts.

Related manuals

In addition to this Service Manual Vol.2, the following manual is provided.

- **Service Manual Vol.1**

Part No.: 9-955-307-11 (for UC, CE)

Contains the service information, electrical alignment and mechanical alignment sensor arrangement and functional description, circuit operation description and troubleshooting.

- **Instruction Manual**

Part No.: 3-206-154-11

This manual describes the information required for the actual management and operation of this unit.

- **"Semiconductor Pin Assignments" CD-ROM (Available on request)**

This "Semiconductor Pin Assignments" CD-ROM allows you to search for semiconductors used in B&P Company equipment.

Semiconductors that cannot be searched for on this CD-ROM are listed in the service manual for the corresponding unit. The service manual contains a complete list of all semiconductors and their ID Nos., and thus should be used together with the CD-ROM.

Part number: 9-968-546-XX

Section 6

Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.

For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section.

However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.

In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled "Semiconductor Pin Assignments" (Sony Part No. 9-968-546-xx) that allows searching for parts by semiconductor type or ID No.

The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type. Pin assignments and block diagrams are based on the IC manufacturer's data book.

本機に使用されている半導体型名の一覧を下記に示します。索引中、ページが記載されている半導体は、本章の該当ページを参照してください。ただし、互換性のない型名を併記している場合がありますので、部品を交換するときは、Spare Partsの章を参照してください。

また、ID番号が記載されている半導体は、別途発行の "Semiconductor Pin Assignments" CD-ROM版

(ソニー部品番号：9-968-546-xx)を参照してください。

半導体型名またはID番号から検索ができます。

マニュアルまたはCD-ROMに掲載されている半導体は、それぞれの機能を等価的に表わしたものです。

外観やインデックスマークの表示方法が実物と異なる場合があります。

ピン配置およびブロック図はICメーカーのデータブックに従いました。

DIODE	Page or ID No.	TRANSISTOR	Page or ID No.
1S2837-T1	DC001-03	2SA1586-YG	TC001-01
1SS123-T1	DC001-01	2SA1586YG-TE85L	TC001-01
1SS184	DC001-03	2SB798-DL	TC002-01
1SS226	DC001-01	2SB798-T1-DLDC	TC002-01
1SS352	DC008-02	2SC1623	TC001-02
1SS352-TPH3	DC008-02	2SC1623-T1-L5L6	TC001-02
HVC350BTRF	DC008-05	2SC3735-L-B35	TC001-02
RD9.1M-B1	DC001-04	2SC3735-T1B-B34	TC001-02
RD9.1M-T1B	DC001-04	2SC4116-YG	TC001-02
UDZSTE-174.7B	DC008-04	2SC4116YG-TE85L	TC001-02
		2SD999-CLCK	TC002-02
		2SD999-T1-CLCK	TC002-02
		2SD999-T1CK	TC002-02
		DTA124EKA-T146	TC001-04
		DTA144EKA-T146	TC001-04
		DTC114EKA-T146	TC001-03
		DTC124EKA-T146	TC001-03
		DTC143TKA-T146	TC001-03
		DTC144EKA	TC001-03
		DTC144EKA-T146	TC001-03
		XN2501	TC008-02
		XN2501-TX	TC008-02
		XN4501	TC005-01
		XN4501-TW	TC005-01
		XN4601	TC006-06
		XN4601-TW	TC006-06
LED	Page or ID No.		
1W-88-TR	LC003-01		
AA1101W	LC003-01		
AA1101W-TR	LC003-01		
AY1101W-88	LC003-01		
PG1101W-TR	LC003-01		

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IC	Page or ID No.
BA7046F	BA7046
BA7046F-E2	BA7046
BA7655AF-E2	BA7655AF
BH7243KV	BH7243KV
BR24E16FV	6-6
BR24E16FV-E2	6-6
CAT24WC64J-TE13	6-6
CXA1875AM	6-6
CXA1875AM-T4	6-6
CXA2040AQ-T4	CXA2040AQ-T4
CXA2076Q-TL	CXA2076Q-TL
CXD1176Q	CXD1176Q
CXD1176Q-T4	CXD1176Q
CXD1217Q	CXD1217Q
CXD1217Q-T4	CXD1217Q
CXD8636Q	CXD8636Q
CXD8865R	CXD8865R
CXD8869Q	CXD8869Q
CXD8932Q	CXD8932Q
CXD9108Q	CXD9108Q
CXD9111R	CXD9111R
CXD9161TQ	6-4
DS1000Z-50	DS1000M-100
DS1000Z-75	DS1000M-100
DS1100Z-50(TE2)	DS1000M-100
DS1100Z-75(TE2)	DS1000M-100
HD64F2144FA20	HD64F2144TE20
HD64F2238BFA13	HD64F2238ATE13
HD64F2345FA20	6-3
LM358PS	RC4558
LM358PSR	RC4558
LM358PWR-12	RC4558
LM393PS	UA393DC
LM393PS-E20	UA393DC
M24C04-MN6T(A)	M24C02-MN6T
M24C64-WMN6T(A)	M24C02-MN6T
M62393FP-600D	UPD6221GS-E2
MB81F643242C-10FN	MB811643242A-100FN
MC141627FT	MC141627FT
MC74HC4538AF	MC74HC4538N
MC74HC4538AFEL	MC74HC4538N
MM1031XML	6-4
MM1504XNRE	6-4
MR27V401DMA	UPD27C4001GW
MR27V802DMA	MSM27C822ZB-NGS-K
NJL63H400A	6-4
NJM2233BM	NJM2233AM
NJM2233BM(TE2)	NJM2233AM
NJM2538BV(TE2)	6-5
NJM3414AV(TE2)	RC4558
NJM78M05DLA(TE1)	6-5
NJM78M09DLA(TE1)	6-5

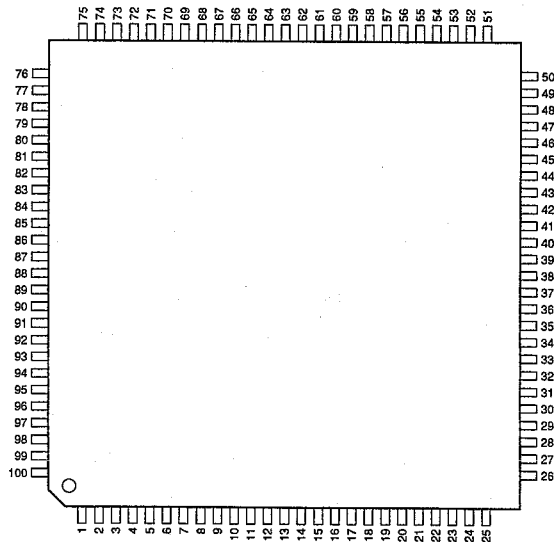
IC	Page or ID No.
PST572CMT	PST572CMT
PST572CMT-T1	PST572CMT
SLA7024M	SLA7024M
SN74HC257ANS-E20	TC74HC257P
SN74HC257ANSR	TC74HC257P
SN74LV04ANSR	TC74HC04P
SN74LV08APWR	TC74HC08P
SN74LV138APWR	TC74HC138P
SN74LV161ANSR	TC74HC161P
SN74LV244ANSR	TC74HC244P
SN74LV244APWR	TC74HC244P
SN74LV245ANSR	TC74HC245P
SN74LV245APWR	TC74HC245P
SN74LV541APWR	MC74HC541N
SN74LV574APWR	TC74HC574P
SN74LV74ANSR	TC74HC74P
SN74LV74APWR	TC74HC74P
SP232ACN	SP232ACN
SP232ACN/TR	SP232ACN
TA78L05F	NJM78L12UA
TA78L05F-TE12L	NJM78L12UA
TA8428K	6-5
TC4W53FU	TC4W53FU
TC4W53FU(TE12R)	TC4W53FU
TC7S00FU(TE85R)	TC7S00F
TC7S02FU(TE85R)	TC4S01F
TC7S04FU(TE85R)	TC7S04F
TC7S08FU(TE85R)	TC7S08F
TC7S14FU(TE85R)	TC7S14FU
TC7S32FU(TE85R)	TC7S32F
TC7S66FU	SC14S66F
TC7S66FU(TE85R)	SC14S66F
TC7SET32FU(TE85R)	TC7S32F
TC7W00FU	TC7W00F
TC7W00FU(TE12R)	TC7W00F
TC7W04FU	TC7W04F
TC7W04FU(TE12R)	TC7W04F
TC7W08FU	TC7W08F
TC7W08FU(TE12R)	TC7W08F
TC7W125FU-TE12R	TC7W125FU
TC7W126FU(TE12R)	6-5
TC7W74FU	TC7W74FU
TC7W74FU(TE12R)	TC7W74FU
TC7WH157FU(TE12R)	6-6
TC7WU04FU(TE12R)	TC7W04F
TDA4665T/V5-118	TDA4665
TL431CPS	TL431CP
TL431CPSR	TL431CP
UPD6466GS-517-E2	UPD6466GS-502-E2

IC

HD64F2345FA20 (HITACHI)

MICRO COMPUTER UNIT

—TOP VIEW—



PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I/O	P12/TIOC00/TCLKA/A22	51	I/O	PA1/A17
2	I/O	P13/TIOC00/TCLKB/A23	52	I/O	PA2/A18
3	I/O	P14/TIOCA1	53	I/O	PA3/A19
4	I/O	P15/TIOCB1/TCLKC	54	I/O	P20/TIOCA3
5	I/O	P16/TIOCA2	55	I/O	P21/TIOCB3
6	I/O	P17/TIOCB2/TCLKD	56	I/O	P22/TIOCC3/TMRI0
7	—	GND	57	I	MD0
8	I/O	P30/TXD0	58	I	MD1
9	I/O	P31/TXD1	59	I/O	P23/TIOCC3/TMCI0
10	I/O	P32/RXD0	60	I	FWE
11	I/O	P33/RXD1	61	I	MD2
12	I/O	P34/SCK0/IRQ4	62	I	RES
13	I/O	P35/SCK1/IRQ5	63	I	NMI
14	I/O	PE0/D0	64	I	STBY
15	I/O	PE1/D1	65	—	Vcc
16	I/O	PE2/D2	66	I	XTAL
17	I/O	PE3/D3	67	I	EXTAL
18	—	GND	68	—	GND
19	I/O	PE4/D4	69	I/O	PF7/I0
20	I/O	PE5/D5	70	I/O	PF6/AS
21	I/O	PE6/D6	71	I/O	PF5/RD
22	I/O	PE7/D7	72	I/O	PF4/HWR
23	I/O	PD0/D8	73	I/O	PF3/LWR/IRQ3
24	I/O	PD1/D9	74	I/O	PF2/WAIT/IRQ2
25	I/O	PD2/D10	75	I/O	PF1/BACK/IRQ1
26	I/O	PD3/D11	76	I/O	PF0/BREQ/IRQ0
27	I/O	PD4/D12	77	—	A.Vcc
28	I/O	PD5/D13	78	—	VREF
29	I/O	PD6/D14	79	I	P40/AN0
30	I/O	PD7/D15	80	I	P41/AN1
31	—	GND	81	I	P42/AN2
32	I/O	PC0/A0	82	I	P43/AN3
33	I/O	PC1/A1	83	I	P44/AN4
34	I/O	PC2/A2	84	I	P45/AN5
35	I/O	PC3/A3	85	I/O	P46/AN6/DA0
36	I/O	PC4/A4	86	I/O	P47/AN7/DA1
37	I/O	PC5/A5	87	—	A.GND
38	I/O	PC6/A6	88	—	GND
39	I/O	PC7/A7	89	I/O	P24/TIOCA4/TMRI1
40	—	Vcc	90	I/O	P25/TIOCB4/TMCI1
41	I/O	PB0/A8	91	I/O	P26/TIOCA5/TMCI0
42	I/O	PB1/A9	92	I/O	P27/TIOCB5/TMCI1
43	I/O	PB2/A10	93	I/O	PG0/ADTRG/IRQ6
44	I/O	PB3/A11	94	I/O	PG1/CS3/IRQ7
45	I/O	PB4/A12	95	I/O	PG2/CS2
46	I/O	PB5/A13	96	I/O	PG3/CS1
47	I/O	PB6/A14	97	I/O	PG4/CS0
48	I/O	PB7/A15	98	—	Vcc
49	—	GND	99	I/O	P10/TIOCA0/A20
50	I/O	PA0/A16	100	I/O	P11/TIOCB0/A21

INPUTS

ADTRG	EXTERNAL TRIGGER FOR A/D CONVERSION
AN0 - AN7	ANALOG SIGNAL
BREQ	BUS REQUEST
EXTAL	CRYSTAL OSCILLATOR/EXTERNAL CLOCK
FWE	FLASH MEMORY WRITE ENABLE
IRQ0 - IRQ7	INTERRUPT REQUEST
MD0 - MD2	MODE SELECT
NMI	NON-MASKABLE INTERRUPT
P40 - P47	PORT4
RES	RESET
RxD0, RxD1	RECEIVE DATA
STBY	STANDBY
TCLKA - TCLKD	EXTERNAL CLOCK
TMCI0, TMCI1	EXTERNAL COUNTER CLOCK
TMRI0, TMRI1	EXTERNAL COUNTER RESET
WAIT	WAIT
XTAL	CRYSTAL OSCILLATOR

OUTPUTS

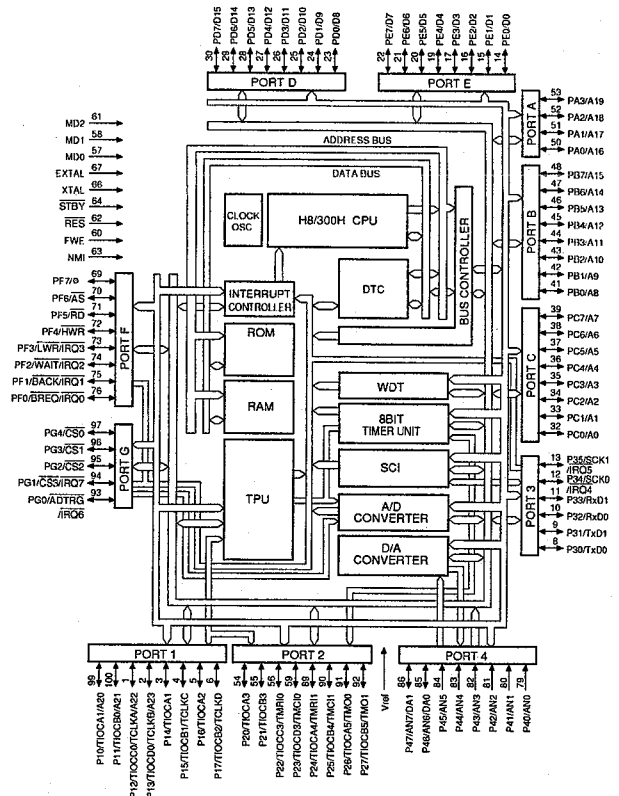
0	SYSTEM CLOCK
A0 - A23	ADDRESS BUS
AS	ADDRESS STROBE
BACK	BUS REQUEST ACKNOWLEDGE
CS0 - CS3	CHIP SELECT
DA0, DA1	ANALOG SIGNAL
HWR	HIGH WRITE
LWR	LOW WRITE
RD	READ
TMCI0, TMCI1	COMPARE MATCH
TXD0, TXD1	TRANSMIT DATA

INPUTS/OUTPUTS

D0 - D15	DATA BUS
P10 - P17	PORT 1
P20 - P27	PORT 2
P30 - P35	PORT 3
PA0 - PA3	PORT A
PB0 - PB7	PORT B
PC0 - PC7	PORT C
PD0 - PD7	PORT D
PE0 - PE7	PORT E
PF0 - PF7	PORT F
PG0 - PG4	PORT G
SCK0, SCK1	SERIAL CLOCK
TIOCA0 - TIOCA5	INPUT CAPTURE/OUTPUT COMPARE MATCH
TIOCB0 - TIOCB5	
TIOCC0 - TIOCC3	
TIOCD0 - TIOCD3	

OTHER

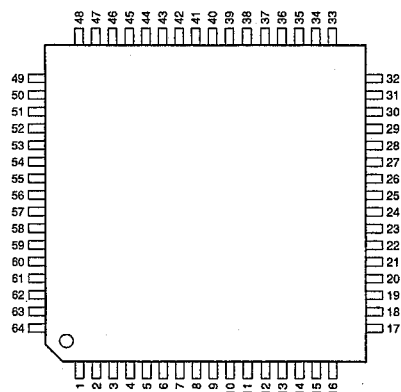
VREF	REFERENCE VOLTAGE
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CXD9161TQ (SONY)

COLOR TABLE

—TOP VIEW—

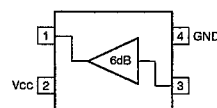


PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL	PIN No.	I/O	SIGNAL
1	I	DATAIN0	17	I	CS	33	O	DATAOUT7	49	I/O	CPU DATA7
2	I	DATAIN1	18	I	NC	34	O	DATAOUT6	50	I/O	CPU DATA6
3	I	DATAIN2	19	I	CPU ADDR10	35	O	DATAOUT5	51	I/O	CPU DATA5
4	I	DATAIN3	20	I	CPU ADDR9	36	O	DATAOUT4	52	—	GND
5	I	DATAIN4	21	I	CPU ADDR8	37	O	DATAOUT3	53	I/O	CPU DATA4
6	I	DATAIN5	22	I	CPU ADDR7	38	O	DATAOUT2	54	I/O	CPU DATA3
7	I	DATAIN6	23	I	CPU ADDR6	39	O	DATAOUT1	55	—	GND
8	I	DATAIN7	24	I	CPU ADDR5	40	O	DATAOUT0	56	I/O	CPU DATA2
9	—	GND	25	—	GND	41	—	GND	57	I/O	CPU DATA1
10	—	Vcc	26	I	CPU ADDR4	42	—	Vcc	58	I/O	CPU DATA0
11	I	PRINT DCK	27	I	CPU ADDR3	43	I	XIN	59	—	GND
12	I	PRINT DREQ	28	I	CPU ADDR2	44	O	XOUT	60	—	GND
13	I	COLOR0	29	I	CPU ADDR1	45	O	CLKOUT	61	—	NC
14	I	COLOR1	30	I	CPU ADDR0	46	—	GND	62	—	GND
15	I	RD	31	O	NC	47	I	CSUB0	63	I	CN CLR
16	I	WR	32	O	DCK OUT	48	I	CSUB1	64	I	RESET

MM1031XML (MITSUMI)

6dB AMPLIFIER AND 75 ohm DRIVER

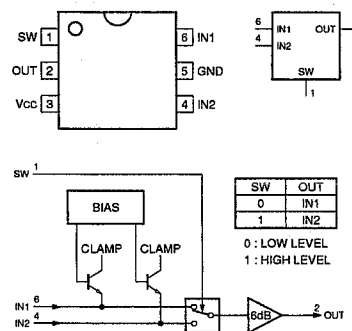
—TOP VIEW—



MM1504XNRE (MITSUMI)

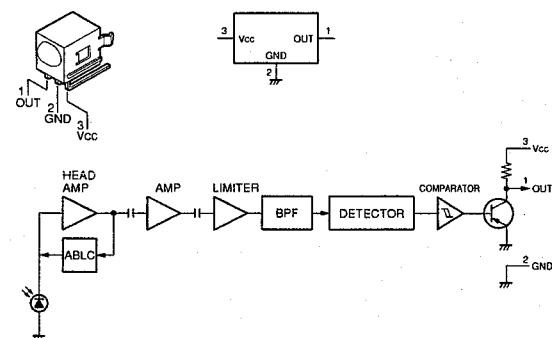
2-INPUT 1-OUTPUT VIDEO SWITCH

—TOP VIEW—

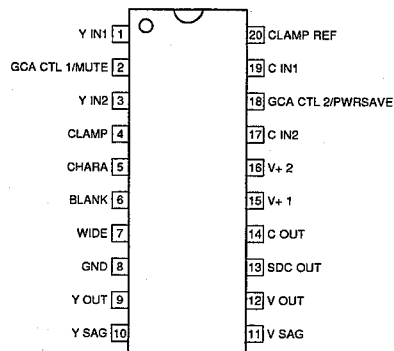


NJL63H400A (JRC)

INFRARED REMOTE CONTROL RECEIVER



NJM2538BV(TE2) (JRC)

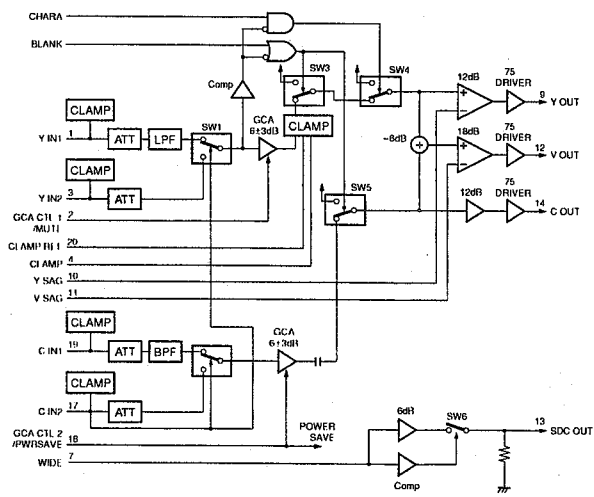
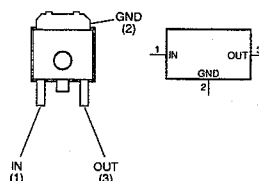
VIDEO AMPLIFIER
—TOP VIEW—

INPUTS

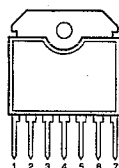
Y SAG : Y SIGNAL SAG COMPENSATION
 V SAG : COMPOSIT SIGNAL SAG COMPENSATION
 Y IN1, Y IN2 : Y SIGNAL
 GCA CTL 1/MUTE : LUMINANCE GAIN/MUTE CONTROL
 CLAMP : EXTERNAL CAPACITOR FOR INTERNAL CLAMP
 CHARA : CHARACTER (WHITE LEVEL)
 BLANK : CHARACTER (BLACK LEVEL)
 WIDE : SDC CONTROL
 C IN1, C IN2 : CHROMINANCE SIGNAL
 GCA CTL 2/PWR SAVE : CHROMINANCE GAIN/POWER SAVE CONTROL
 CLAMP REF : DECOUPLING CAPACITOR FOR INTERNAL CLAMP

OUTPUTS

Y OUT : Y SIGNAL
 V OUT : COMPOSIT SIGNAL
 SDC OUT : SDC CONTROL
 C OUT : CHROMINANCE SIGNAL

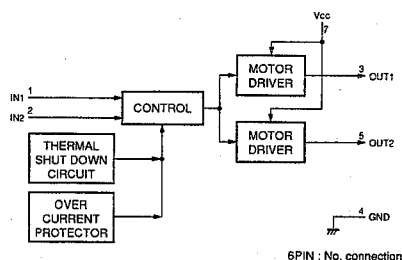
NJM78M05DLA(TE1) (JRC)
NJM78M09DLA(TE1) (JRC)POSITIVE VOLTAGE REGULATOR
—FRONT VIEW—

TA8428K (TOSHIBA)

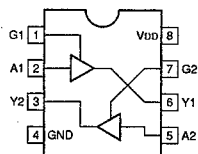
FULL-BRIDGE DRIVER
—SIDE VIEW—

IN1	IN2	OUT1	OUT2	MODE
1	1	0	0	BRAKE
0	1	0	1	FORWARD/REVERSE
1	0	1	0	REVERSE/FORWARD
0	0	HI-Z	HI-Z	STOP

0 : LOW LEVEL
 1 : HIGH LEVEL
 HI-Z : HIGH IMPEDANCE



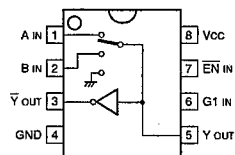
TC7W126FU(TE12R) (TOSHIBA)

C-MOS DUAL BUS BUFFER
—TOP VIEW—

INPUTS	OUTPUT
G A	Y
L X	Z
H L	L
H H	H

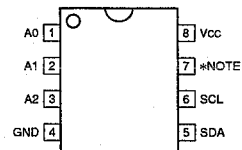
X : DONT CARE
 Z : HI-IMPEDANCE

TC7WH157FU(TE12R) (TOSHIBA)

2-CHANNEL MULTIPLEXER
—TOP VIEW—

INPUTS				OUTPUTS	
EN	G1	A	B	Y	Y
1	x	x	x	0	1
0	0	0	x	0	1
0	0	1	x	1	0
0	1	x	0	0	1
0	1	x	1	1	0

0 : LOW LEVEL
1 : HIGH LEVEL
x : DON'T CARE

BR24E16FV (ROHM)
CAT24WC64J-TE13 (CATALYST)
BR24E16FV-E2SERIAL EEPROM
—TOP VIEW—

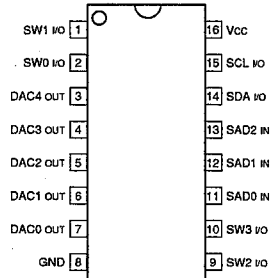
INPUTS
A0 - A2 : ADDRESS
SCL : SERIAL CLOCK
WC : WRITE CONTROL
WP : WRITE PROTECT

INPUT/OUTPUT
SDA : SERIAL DATA

OTHERS
NC : NO CONNECTION
TEST : TEST PIN

*NOTE:

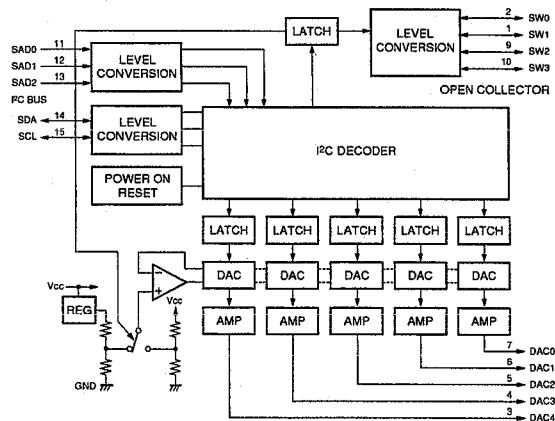
TYPE	MEMORY	PIN 7
BR24C02F	2 K	TEST
X24C02	2 K	WC
S-24C02	2 K	WP
CAT24WC02	2 K	WP
X24C04	4 K	TEST
X24C08	8 K	TEST
CAT24WC16	16 K	WP
BR24E16FV	16 K	NC
NM24C16	16 K	NC
CAT24WC64	64 K	WP

CXA1875AM (SONY)
CXA1875AM-T48-BIT D/A CONVERTER
—TOP VIEW—

INPUTS
SAD0 - SAD2 : SUB ADDRESS

OUTPUTS
DAC0 - DAC4 : D/A CONVERTER

INPUTS/OUTPUTS
SCL : I2C BUS
SDA : I2C BUS
SW0 - SW3 : I/O PORT



Section 7

Spare Parts

7-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked △ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts list has the present standardized repair parts.

3. Stock of Parts

Parts marked with "o" at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.
In need of repair, get components shown in the list and repair using them.

7-1. 補修部品注意事項

1. 安全重要部品

△警告

△印のついた部品は安全性を維持するために重要な部品です。したがって、交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は、セットに使われているものと異なることがあります。
これは部品の共通化、改良等によるものです。
部品表には現時点での共通化された補修用部品が記載されています。

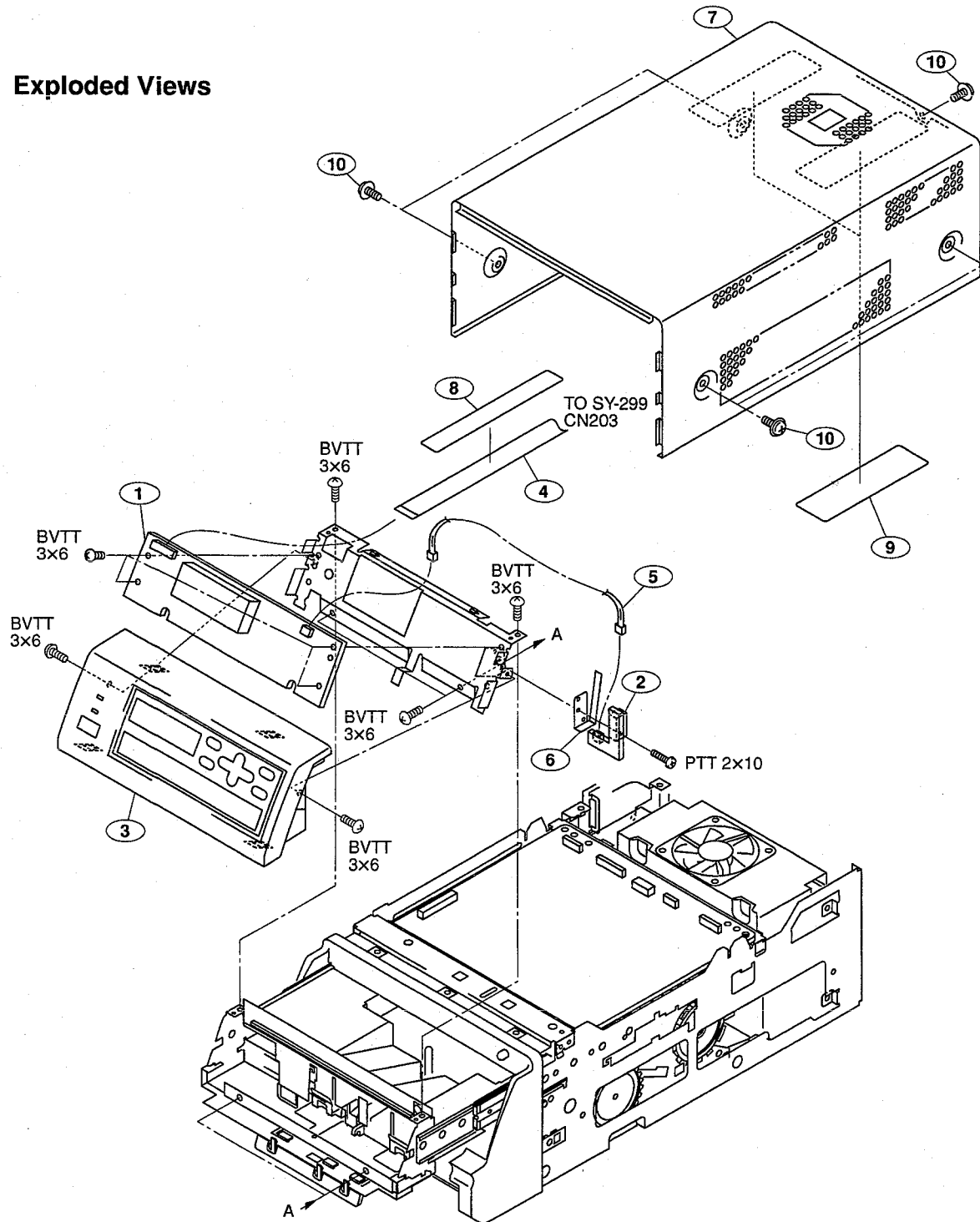
3. 部品の在庫

部品表のSP (Supply code) 欄に "o" で示される部品は在庫していないことがあり、納期が長くなることがあります。

4. ハーネス

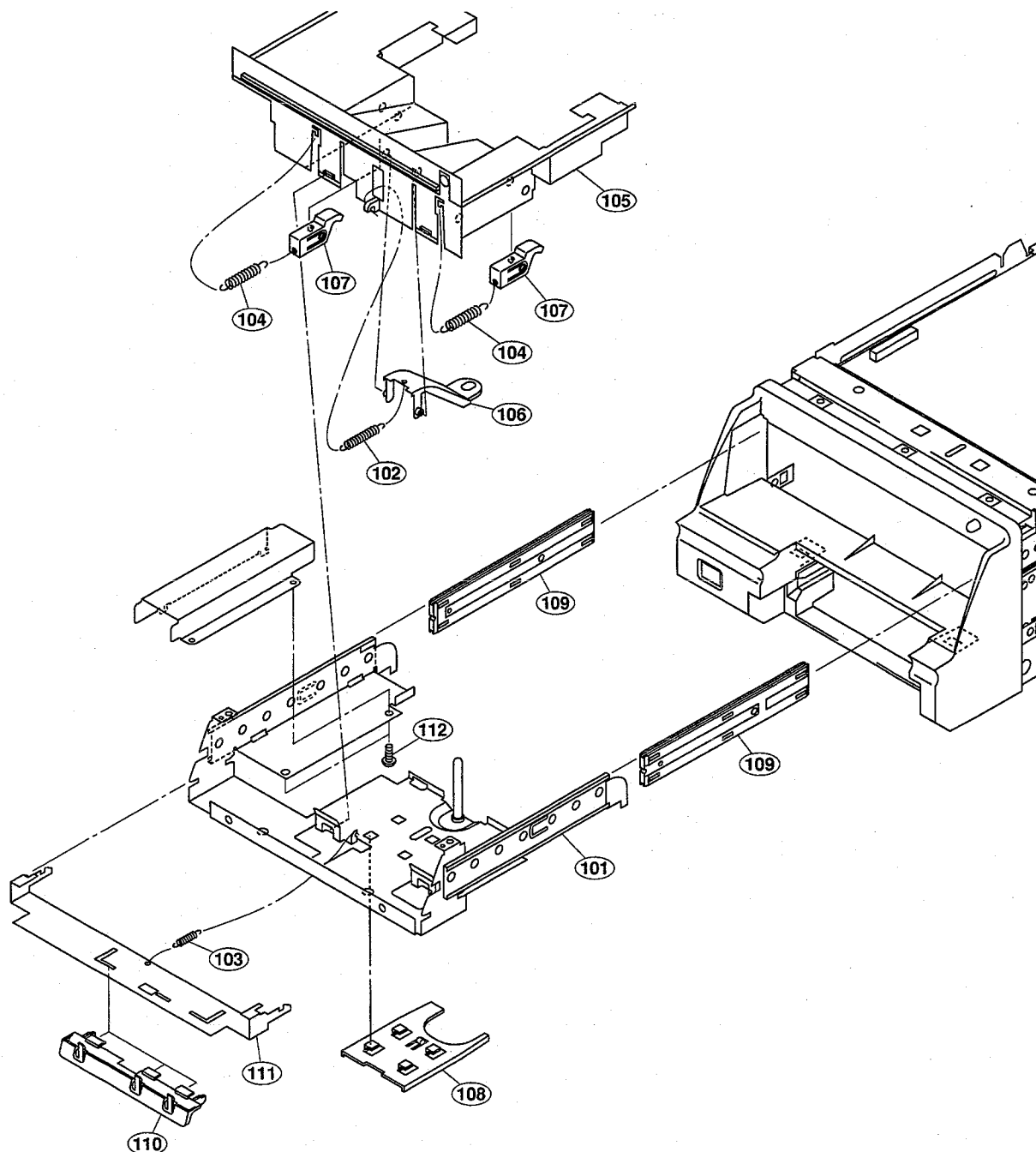
部品番号が記載されていないハーネスは、サービス部品として登録されていません。
これらは、リストに展開されているコンポーネント部品で補修してください。

7-2. Exploded Views

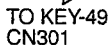


No.	Part No.	SP Description
1	A-8329-585-A	s MOUNTED CIRCUIT BOARD, KEY-49
2	A-8329-589-A	s MOUNTED CIRCUIT BOARD, SE-642
3	X-3608-359-2	s ASSY, RIBBON PANEL
		(for UP-21MD(J), UP-21MD(UC), UP-21MD(CE))
	X-3608-368-2	s ASSY, RIBBON PANEL
		(for UP-21MDS(J))
	X-3608-403-1	s ASSY, RIBBON PANEL
		(for YP-22MD(J))
4	1-823-446-11	o CABLE, FLEXIBLE FLAT (30 CORE)
5	1-961-425-11	o HARNESS, SUB (KEY-SENS)

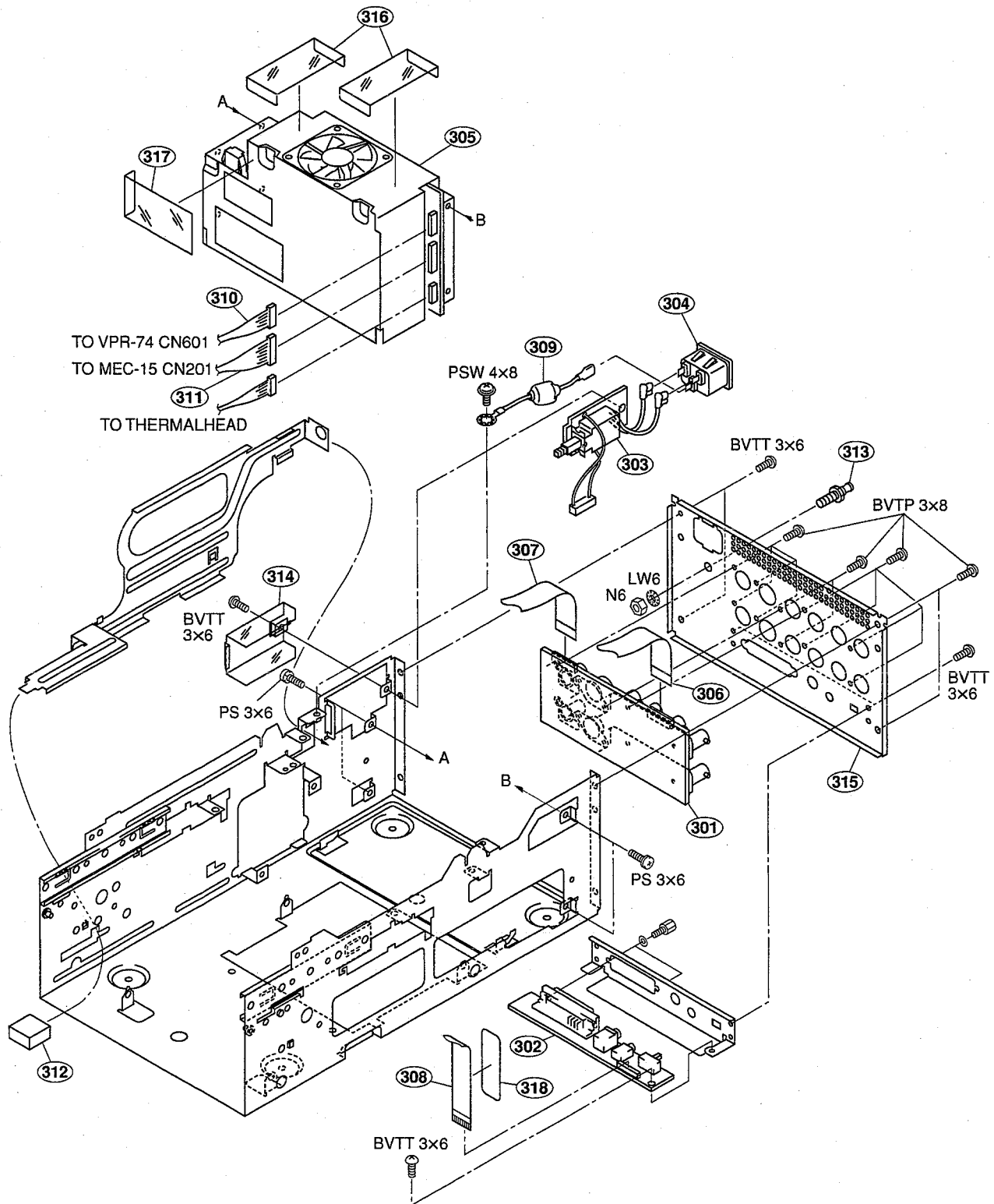
No.	Part No.	SP Description
6	3-641-986-01	s R PLATE, INTER LOCK
7	3-642-906-01	o TOP COVER
8	3-642-922-01	o REINFORCEMENT(B), FFC
9	3-690-952-01	o SHEET 2, PROTECTION
		(for UP-21MD(UC), UP-21MD(CE))
10	4-031-617-22	s SCREW, M3 CASE STOPPER
	7-685-785-09	s SCREW, +PTT 2X10
	7-685-871-09	s SCREW, +BVTT 3X6



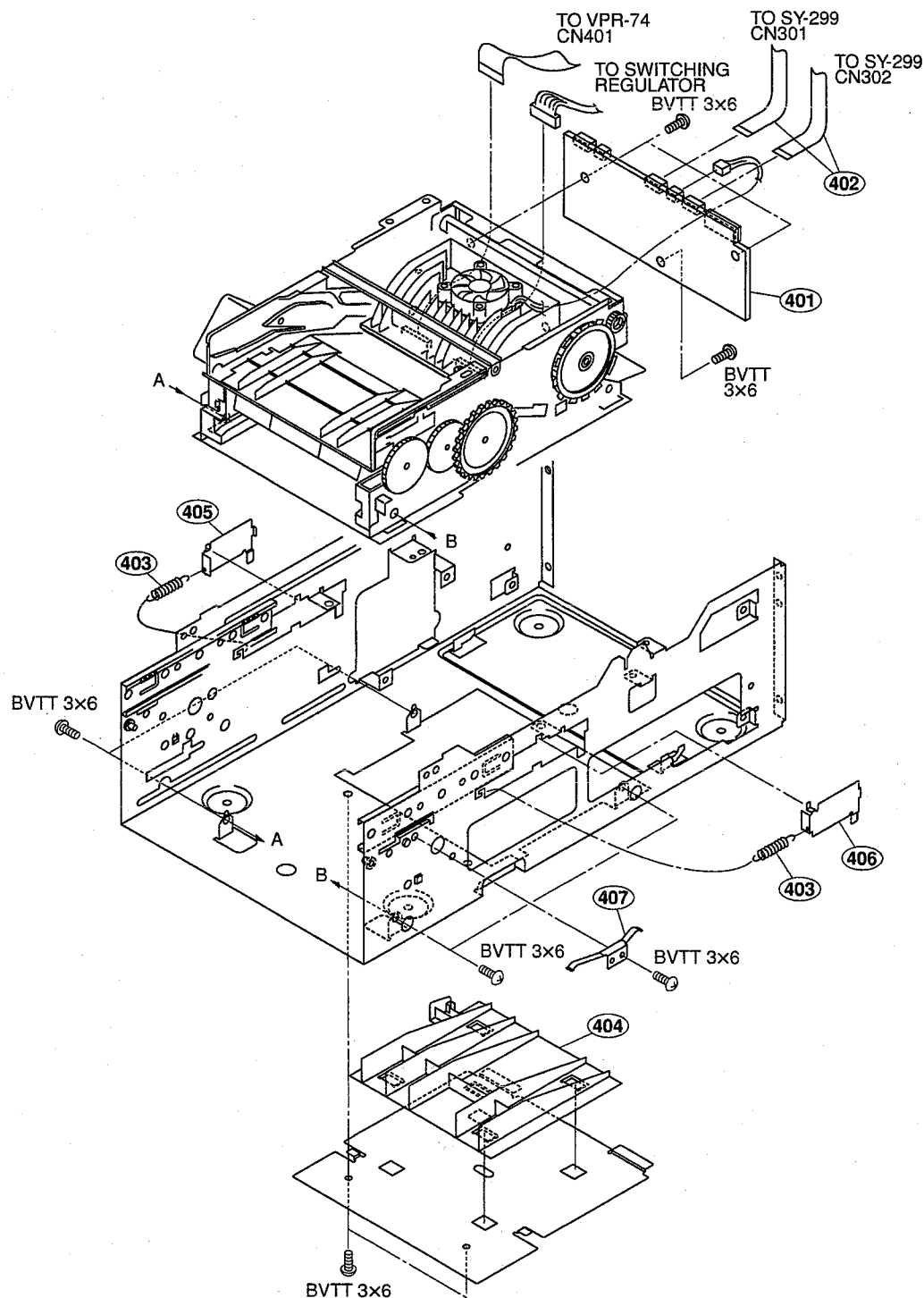
No.	Part No.	SP Description
101	X-3608-361-3	o ASSY, DOOR BASE PLATE
102	3-641-975-01	s SPRING, EXTENSION
103	3-641-976-01	s SPRING, EXTENSION
104	3-641-977-01	s SPRING, EXTENSION
105	3-641-988-03	o COVER, INNER
106	3-641-989-01	o EJECT LEVER, RIBBON
107	3-641-990-02	o PUSH LEVER, RIBBON
108	3-641-992-01	o GIDE, RIBBON DOOR
109	3-641-993-01	s SLIDER
110	3-641-994-01	s LEVER, DOOR EJECT
111	3-642-907-01	s LOCK ARM
112	4-034-937-01	s SCREW (M3X8), TAPPING (ST)



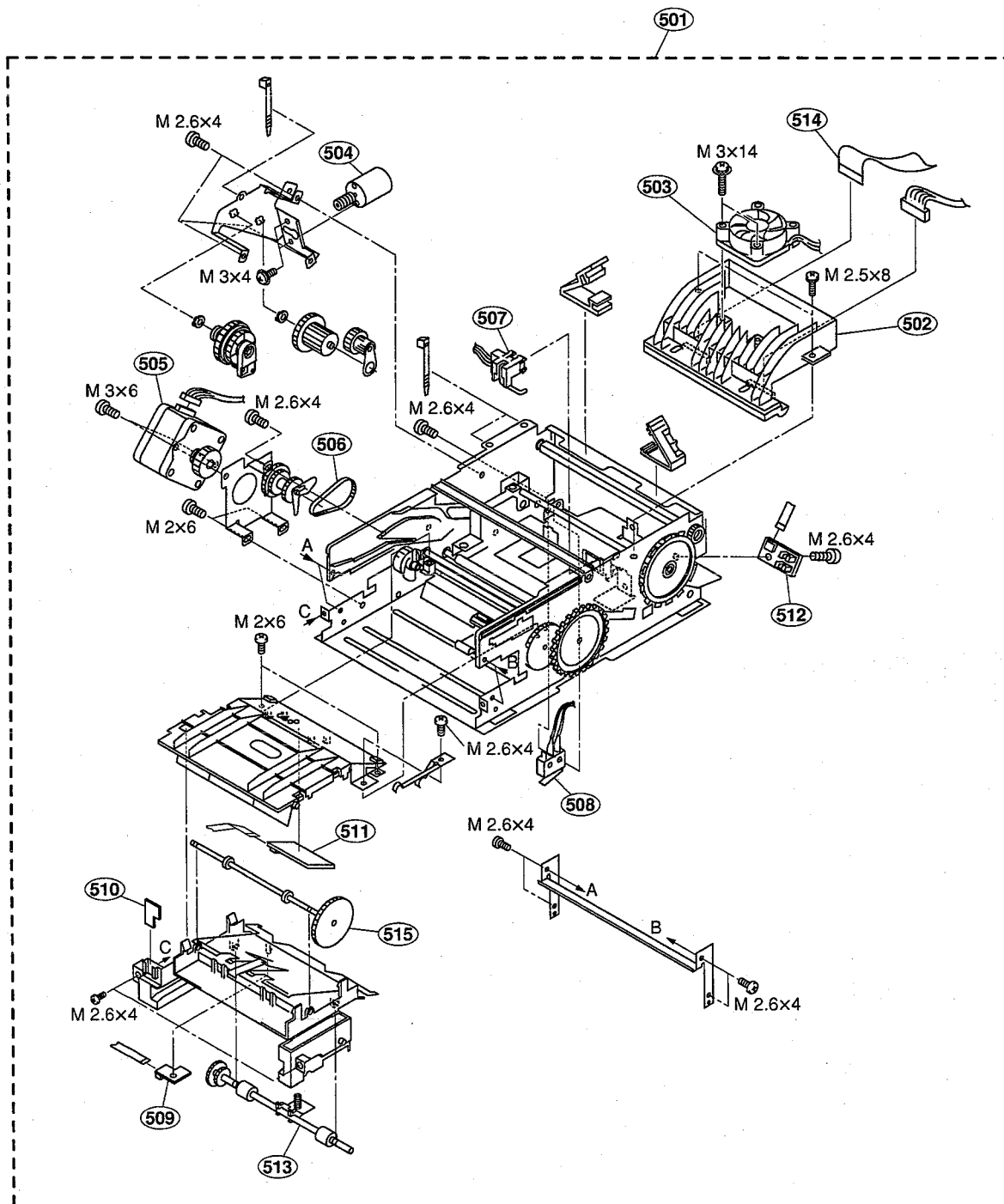
No.	Part No.	SP Description
201	A-8329-575-A	s MOUNTED CIRCUIT BOARD, VPR-74
	(for UP-21MD(J), UP-21MDS(J), UP-21MD(UC), UP-21MD(CE))	
	A-8344-189-A	s MOUNTED CIRCUIT BOARD, VPR-74 (O)
	(for YP-22MD(J))	
202	A-8329-577-A	s MOUNTED CIRCUIT BOARD, SY-299
	(for UP-21MD(J), UP-21MDS(J), UP-21MD(UC), UP-21MD(CE))	
	A-8344-191-A	s MOUNTED CIRCUIT BOARD, SY-299 (O)
	(for YP-22MD(J))	
203	1-763-158-31	s D.C.FAN
204	1-823-444-11	o CABLE, FLEXIBLE FLAT (20 CORE)
205	1-823-445-11	o CABLE, FLEXIBLE FLAT (28 CORE)
206	3-641-991-01	o RIBBON GUIDE (UPPER)
207	3-641-995-01	o PANEL, FRONT
208	3-642-913-01	o VPR HOLDER
209	3-642-920-02	s FOOT
210	3-642-921-02	o REINFORCEMENT (A), FFC
211	3-642-924-01	o PARTITION, MECHA
212	3-642-926-01	s STOPPER L, DOOR
213	3-642-927-01	s STOPPER R, DOOR
	7-682-566-09	s SCREW +B4X20
	7-685-871-09	s SCREW, +BVT 3X6



No.	Part No.	SP Description
301	A-8329-579-A	s MOUNTED CIRCUIT BOARD, IF-851
302	A-8329-581-A	s MOUNTED CIRCUIT BOARD, IF-852
	(for UP-21MD(UC), UP-21MD(CE))	
	A-8329-673-A	s MOUNTED CIRCUIT BOARD, IF-852(J)
	(for UP-21MD(J), UP-21MDS(J), YP-22MD(J))	
303	A-8329-587-A	s MOUNTED CIRCUIT BOARD, SW-1081
304	Δ 1-251-373-11	s INLET, AC
305	Δ 1-468-611-11	s REGULATOR, SWITCHING
306	1-823-441-11	o CABLE, FLEXIBLE FLAT (15 CORE)
307	1-823-442-11	o CABLE, FLEXIBLE FLAT (22 CORE)
308	1-823-443-11	o CABLE, FLEXIBLE FLAT (16 CORE)
309	Δ 1-961-224-11	o HARNESS, SUB (WIRE, GROUND)
310	1-961-423-11	o HARNESS, SUB (POWER-VPR)
311	1-961-424-11	o HARNESS, SUB (POWER-MEC)
312	2-431-568-51	s BUTTON, POWER
313	3-175-740-01	o TERMINAL (UC/CE)
	(for UP-21MD(UC), UP-21MD(CE))	
314	3-642-904-02	o SHEET, PROTECTION
315	3-642-915-02	o PANEL, REAR
	(for UP-21MD(UC), UP-21MD(CE))	
	3-642-915-11	o PANEL, REAR
	(for YP-22MD(J))	
	3-642-915-12	o PANEL, REAR
	(for UP-21MD(J), UP-21MDS(J))	
316	3-642-923-01	o SHEET(B), PROTECTION
317	3-642-925-01	o SHEET(A), INSULATING
318	3-645-920-01	o SHEET, PROTECTION FFC
	7-623-425-07	s WASHER LW 6 (TYPE B)
	(for UP-21MD(UC), UP-21MD(CE))	
	7-682-647-09	s SCREW +PS 3X6
	7-682-961-01	s SCREW +PSW 4X8
	7-684-026-04	s NUT M6 TYPE2
	(for UP-21MD(UC), UP-21MD(CE))	
	7-685-646-79	s SCREW +BVTP 3X8
	7-685-871-09	s SCREW, +BVTT 3X6



No.	Part No.	SP Description
401	A-8329-583-A	s MOUNTED CIRCUIT BOARD, MEC-15
402	1-823-447-11	o CABLE, FLEXIBLE FLAT (20 CORE)
403	3-641-972-01	s SPRING, EXTENSION
404	3-641-987-02	o GUIDE, PAPER
405	3-642-910-01	o PLATE(L), SLIDE
406	3-642-911-01	o PLATE(R), SLIDE
407	3-642-914-02	s PLATE(R), GROUND
	7-685-871-09	s SCREW, +BVTT 3X6



No. Part No. SP Description

501 9-885-015-45 s DECK, MECHANICAL
 502 9-885-015-46 s ASSY (2), HEAD BLOCK
 503 9-885-015-47 s FAN, DC
 504 9-885-015-48 s ASSY, DCM
 505 9-885-015-49 s ASSY, STM

506 9-885-015-50 s BELT, GRIP
 507 9-885-015-51 s SENSOR, PHOTO
 508 9-885-015-52 s LOCK (SW) ASSY, INTER
 509 9-885-015-53 s BOARD ASSY, S1 SENSOR
 510 9-885-015-54 s BOARD ASSY, S11 SENSOR

No. Part No. SP Description

511 9-885-015-55 s BOARD ASSY, S2/ RIBBON SENSOR
 512 9-885-015-56 s BOARD ASSY, S8/S9 SENSOR
 513 9-885-015-57 s ASSY, PICK ROLLER
 514 9-885-015-58 s CABLE, FFC
 515 9-885-015-59 s ASSY, DISCHARGE ROLLER

7-685-131-19 s SCREW +PTP2.6X4
 ----- s SCREW, M2.5X8
 ----- s SCREW, M3X4
 7-685-645-79 s SCREW +BVTP3X6
 7-682-951-01 s SCREW +PSW 3X14

----- s SCREW, M2X6
 3-847-356-02 o CLAMP

7-3. Electrical Parts List

IF-851 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8329-579-A	s MOUNTED CIRCUIT BOARD, IF-851
CN101	1-770-081-12	s CONNECTOR, BNC (RECEPTACLE)
CN102	1-573-590-22	s CONNECTOR, (S) TERMINAL 4P
CN103	1-573-590-22	s CONNECTOR, (S) TERMINAL 4P
CN104	1-774-757-11	s CONNECTOR, FFC/FPC 15P
CN105	1-774-288-11	s CONNECTOR (FFC) 22P
CN106	1-770-080-12	s CONNECTOR ASSY (BNC) 1P
CN107	1-770-080-12	s CONNECTOR ASSY (BNC) 1P
CN108	1-770-081-12	s CONNECTOR, BNC (RECEPTACLE)
D101	8-719-106-43	s DIODE RD9.1M-B1
D102	8-719-106-43	s DIODE RD9.1M-B1
D103	8-719-106-43	s DIODE RD9.1M-B1
D104	8-719-106-43	s DIODE RD9.1M-B1
D105	8-719-106-43	s DIODE RD9.1M-B1
D106	8-719-106-43	s DIODE RD9.1M-B1
D107	8-719-106-43	s DIODE RD9.1M-B1
D108	8-719-106-43	s DIODE RD9.1M-B1
D109	8-719-106-43	s DIODE RD9.1M-B1
D110	8-719-106-43	s DIODE RD9.1M-B1
D111	8-719-106-43	s DIODE RD9.1M-B1
D112	8-719-106-43	s DIODE RD9.1M-B1
D113	8-719-106-43	s DIODE RD9.1M-B1
D114	8-719-106-43	s DIODE RD9.1M-B1
D115	8-719-106-43	s DIODE RD9.1M-B1
D116	8-719-106-43	s DIODE RD9.1M-B1
D117	8-719-106-43	s DIODE RD9.1M-B1
D118	8-719-106-43	s DIODE RD9.1M-B1
D119	8-719-106-43	s DIODE RD9.1M-B1
D120	8-719-106-43	s DIODE RD9.1M-B1
D121	8-719-106-43	s DIODE RD9.1M-B1
D122	8-719-106-43	s DIODE RD9.1M-B1
D123	8-719-106-43	s DIODE RD9.1M-B1
D124	8-719-106-43	s DIODE RD9.1M-B1
D125	8-719-106-43	s DIODE RD9.1M-B1
D126	8-719-106-43	s DIODE RD9.1M-B1
D127	8-719-106-43	s DIODE RD9.1M-B1
D128	8-719-106-43	s DIODE RD9.1M-B1
D129	8-719-801-78	s DIODE 1SS184
Q101	1-801-806-11	s TRANSISTOR DTC144EKA
Q102	8-729-140-75	s TRANSISTOR 2SD999-CLOCK
R101	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R102	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R103	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R104	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R105	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R106	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R107	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R108	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R109	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R110	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R111	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R112	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R113	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R114	1-216-631-11	s RESISTOR,CHIP 150 1/10W (2012)
R115	1-216-049-11	s RESISTOR, CHIP 1K 1/10W(2012)
R116	1-216-295-91	s CONDUCTOR, CHIP (2012)
R117	1-216-295-91	s CONDUCTOR, CHIP (2012)

(IF-851 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R118	1-216-295-91	s CONDUCTOR, CHIP (2012)
R119	1-216-295-91	s CONDUCTOR, CHIP (2012)
R120	1-216-295-91	s CONDUCTOR, CHIP (2012)
R121	1-216-295-91	s CONDUCTOR, CHIP (2012)
R122	1-216-295-91	s CONDUCTOR, CHIP (2012)
R123	1-216-295-91	s CONDUCTOR, CHIP (2012)
R124	1-216-295-91	s CONDUCTOR, CHIP (2012)
R125	1-216-295-91	s CONDUCTOR, CHIP (2012)
R126	1-216-295-91	s CONDUCTOR, CHIP (2012)
R127	1-216-295-91	s CONDUCTOR, CHIP (2012)
R128	1-216-295-91	s CONDUCTOR, CHIP (2012)
R129	1-216-295-91	s CONDUCTOR, CHIP (2012)
RY101	1-515-622-11	s RELAY (5V)
RY102	1-515-622-11	s RELAY (5V)
RY103	1-515-622-11	s RELAY (5V)
RY104	1-515-622-11	s RELAY (5V)
RY105	1-515-622-11	s RELAY (5V)
RY106	1-515-622-11	s RELAY (5V)
RY107	1-515-622-11	s RELAY (5V)

IF-852 BOARD

*J: [UP-21MD(J), UP21MDS(J), YP-22MD(J)]
*UC: [UP-21MD(UC)]
*CE: [UP-21MD(CE)]

Ref. No. or Q'ty	Part No.	SP Description
1pc	*UC A-8329-581-A	s MOUNTED CIRCUIT BOARD, IF-852
1pc	*CE A-8329-581-A	s MOUNTED CIRCUIT BOARD, IF-852
1pc	*J A-8329-673-A	s MOUNTED CIRCUIT BOARD, IF-852(J)
CN1	1-565-316-21	s SOCKET, CONNECTION 25P
CN2	1-770-646-11	s CONNECTOR, FFC/FPC 16P
FB1	1-469-151-21	s FERRITE, EMI (SMD)
FB2	1-469-151-21	s FERRITE, EMI (SMD)
FB3	1-469-151-21	s FERRITE, EMI (SMD)
FB4	1-469-151-21	s FERRITE, EMI (SMD)
FB5	1-469-151-21	s FERRITE, EMI (SMD)
FB6	1-469-151-21	s FERRITE, EMI (SMD)
FB7	1-469-151-21	s FERRITE, EMI (SMD)
FB8	1-469-151-21	s FERRITE, EMI (SMD)
FB9	1-469-151-21	s FERRITE, EMI (SMD)
FB10	1-469-151-21	s FERRITE, EMI (SMD)
FB11	1-469-151-21	s FERRITE, EMI (SMD)
J1	1-770-206-11	o JACK
J2	1-507-967-11	s JACK
R1	1-216-295-91	s CONDUCTOR, CHIP (2012)
R2	1-216-295-91	s CONDUCTOR, CHIP (2012)
S1	*UC 1-571-588-11	s SWITCH, SLIDE (1-1-2)
	*CE 1-571-588-11	s SWITCH, SLIDE (1-1-2)

KEY-49 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8329-585-A	s MOUNTED CIRCUIT BOARD, KEY-49
C301	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C302	1-164-230-11	s CAPACITOR, CERAMIC 220PF/50V
C303	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C304	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C305	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C306	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C307	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C308	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C309	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C310	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C311	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C312	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C313	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C314	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C315	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C316	1-164-230-11	s CAPACITOR, CERAMIC 220PF/50V
C317	1-164-230-11	s CAPACITOR, CERAMIC 220PF/50V
C318	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C319	1-164-230-11	s CAPACITOR, CERAMIC 220PF/50V
C320	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C321	1-165-319-11	s CAPACITOR, CERAMIC 0.1MF/50V
C322	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
CN301	1-766-360-21	s CONNECTOR, FFC/FPC (LIF) 30P
CN302	1-580-055-21	o PIN, CONNECTOR 2P
D301	8-719-800-76	s DIODE 1SS226
D302	8-719-800-76	s DIODE 1SS226
D303	8-719-951-14	s LED AA1101W
D304	8-719-027-38	s LED PG1101W-TR
D305	8-719-801-78	s DIODE 1SS184
D306	8-719-801-78	s DIODE 1SS184
D307	8-719-801-78	s DIODE 1SS184
D308	8-719-801-78	s DIODE 1SS184
IC301	8-759-548-77	s IC SN74LV245ANSR
IC302	8-759-459-85	s IC NJL63H400A
IC303	8-759-548-76	s IC SN74LV244ANSR
IC304	8-759-548-59	s IC SN74LV04ANSR
ND301	1-801-750-11	s DISPLAY PANEL, LIQUID CRYSTAL
Q301	8-729-027-56	s TRANSISTOR DTC143TKA-T146
Q302	8-729-027-56	s TRANSISTOR DTC143TKA-T146
R301	1-216-864-11	s CONDUCTOR, CHIP (1608)
R302	1-216-864-11	s CONDUCTOR, CHIP (1608)
R303	1-216-864-11	s CONDUCTOR, CHIP (1608)
R304	1-216-864-11	s CONDUCTOR, CHIP (1608)
R305	1-216-864-11	s CONDUCTOR, CHIP (1608)
R306	1-216-864-11	s CONDUCTOR, CHIP (1608)
R307	1-216-864-11	s CONDUCTOR, CHIP (1608)
R308	1-216-864-11	s CONDUCTOR, CHIP (1608)
R309	1-216-864-11	s CONDUCTOR, CHIP (1608)
R310	1-216-864-11	s CONDUCTOR, CHIP (1608)
R311	1-216-864-11	s CONDUCTOR, CHIP (1608)
R312	1-216-864-11	s CONDUCTOR, CHIP (1608)
R313	1-216-864-11	s CONDUCTOR, CHIP (1608)
R314	1-216-864-11	s CONDUCTOR, CHIP (1608)
R315	1-216-864-11	s CONDUCTOR, CHIP (1608)

(KEY-49 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R316	1-216-864-11	s CONDUCTOR, CHIP (1608)
R317	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R318	1-216-864-11	s CONDUCTOR, CHIP (1608)
R319	1-216-864-11	s CONDUCTOR, CHIP (1608)
R320	1-216-296-00	s CONDUCTOR, CHIP (3216)
R321	1-216-296-00	s CONDUCTOR, CHIP (3216)
R322	1-216-296-00	s CONDUCTOR, CHIP (3216)
R323	1-216-296-00	s CONDUCTOR, CHIP (3216)
R324	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R325	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R326	1-216-296-00	s CONDUCTOR, CHIP (3216)
R327	1-216-296-00	s CONDUCTOR, CHIP (3216)
R328	1-216-296-00	s CONDUCTOR, CHIP (3216)
R329	1-216-296-00	s CONDUCTOR, CHIP (3216)
R330	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R331	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R332	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R333	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R334	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R335	1-218-843-11	s RESISTOR,CHIP 680 1/16W (1608)
R336	1-216-814-11	s RESISTOR,CHIP 270 1/16W 1608
R337	1-216-814-11	s RESISTOR,CHIP 270 1/16W 1608
R338	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R339	1-216-814-11	s RESISTOR,CHIP 270 1/16W 1608
R340	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R341	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R342	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R343	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R344	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R345	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R346	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R347	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R348	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R349	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R350	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R351	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R352	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R353	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R354	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R355	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
S301	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S302	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S303	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S304	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S305	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S306	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S307	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S308	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S309	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S310	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S311	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S312	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S313	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S314	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)
S315	1-572-595-11	s SWITCH,TACTIL (REFLOW TYPE)

MEC-15 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8329-583-A	s MOUNTED CIRCUIT BOARD, MEC-15
C104	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C105	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C106	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C107	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C108	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C109	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C201	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C202	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C206	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C207	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C208	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-162-966-11	s CAPACITOR,CERAMIC 2200PF/50V B
C212	1-162-966-11	s CAPACITOR,CERAMIC 2200PF/50V B
C213	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C214	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C215	1-164-315-11	s CAPACITOR,CERAMIC 470PF/50V CH
C216	1-164-315-11	s CAPACITOR,CERAMIC 470PF/50V CH
C217	1-128-406-11	s CAPACITOR ELECT 33MF/50V(CHIP)
C218	1-128-406-11	s CAPACITOR ELECT 33MF/50V(CHIP)
C219	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C220	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C221	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
CN101	1-779-334-11	s CONNECTOR, FFC/FPC (LIF) 20P
CN102	1-580-556-11	o CONNECTOR,FPC 3P
CN103	1-779-330-11	s CONNECTOR, FFC/FPC 12P
CN104	1-778-283-11	s CONNECTOR,FFC/FPC (NON-ZIF)4P
CN105	1-794-509-11	s PIN, CONNECTOR (PC BOARD) (3P)
CN106	1-778-283-11	s CONNECTOR,FFC/FPC (NON-ZIF)4P
CN201	1-564-524-11	o PLUG,CONNECTOR (9P) (L-TYPE)
CN202	1-779-334-11	s CONNECTOR, FFC/FPC (LIF) 20P
CN203	1-770-469-21	o PIN, CONNECTOR (PC BOARD) 2P
CN204	1-770-469-21	o PIN, CONNECTOR (PC BOARD) 2P
CN205	1-564-505-11	s PLUG,CONNECTOR (2P)
CN206	1-770-470-21	o PIN, CONNECTOR (PC BOARD) 6P
CN207	1-774-730-21	s PIN, CONNECTOR (PC BOARD) 3P
IC101	8-759-387-36	s IC M62393FP (600D)
IC102	6-700-149-01	s IC M24C04-MN6T(A)
IC103	8-759-983-69	s IC LM358PS
IC104	8-759-983-69	s IC LM358PS
IC105	8-759-983-69	s IC LM358PS
IC106	8-759-983-69	s IC LM358PS
IC201	8-759-548-70	s IC SN74LV161ANSR
IC202	8-759-548-85	s IC SN74LV74ANSR
IC203	8-759-334-77	s IC TA8428K
IC204	8-759-322-54	s IC SLA7024M
IC205	8-759-058-58	s IC TC7S04FU-TE85R
Q101	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q102	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q103	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q104	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q105	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q106	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q107	8-729-027-52	s TRANSISTOR DTC124EAK-T146
Q108	8-729-101-07	s TRANSISTOR 2SB798

(MEC-15 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
Q201	8-729-140-75	s TRANSISTOR 2SD999-CLOCK
Q202	8-729-101-07	s TRANSISTOR 2SB798
Q203	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q204	8-729-027-52	s TRANSISTOR DTC124EAK-T146
R101	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R102	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R103	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R104	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R105	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R106	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R107	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R108	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R109	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R110	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R111	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R112	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R113	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R114	1-216-813-11	s RESISTOR,CHIP 220 1/16W 1608
R115	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R116	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R117	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R118	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R119	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R120	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R121	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R122	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R123	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R124	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R125	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R128	1-216-824-11	s RESISTOR,CHIP 1.8K 1/16W 1608
R129	1-216-827-11	s RESISTOR,CHIP 3.3K 1/16W 1608
R130	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R135	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R137	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R139	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R141	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R142	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R201	1-216-296-00	s CONDUCTOR,CHIP (3216)
R202	1-216-296-00	s CONDUCTOR,CHIP (3216)
R203	1-216-296-00	s CONDUCTOR,CHIP (3216)
R204	1-216-296-00	s CONDUCTOR,CHIP (3216)
R205	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R206	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R207	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R208	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R209	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R210	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R211	1-216-833-11	s RESISTOR,CHIP 10K 1/16W(1608)
R212	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R213	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R214	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R215	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R216	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R217	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R218	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R219	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R220	1-216-820-11	s RESISTOR,CHIP 820 1/16W 1608
R221	1-216-808-11	s RESISTOR,CHIP 82 1/16W 1608
R222	1-216-816-11	s RESISTOR,CHIP 390 1/16W 1608

(MEC-15 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R223	1-216-808-11	s RESISTOR,CHIP 82 1/16W 1608
R224	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R225	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R226	1-216-296-00	s CONDUCTOR,CHIP (3216)
R227	1-216-296-00	s CONDUCTOR,CHIP (3216)
R228	1-216-296-00	s CONDUCTOR,CHIP (3216)
R229	1-216-296-00	s CONDUCTOR,CHIP (3216)
R230	1-216-369-00	s RESISTOR,METAL FILM 1.00 2W
R231	1-216-369-00	s RESISTOR,METAL FILM 1.00 2W
R232	1-216-296-00	s CONDUCTOR,CHIP (3216)
R233	1-216-296-00	s CONDUCTOR,CHIP (3216)
R236	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R237	1-216-841-11	s RESISTOR,CHIP 47K 1/16W 1608
R238	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R239	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
THP201	1-809-357-21	s THERMISTOR
TP101	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP102	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP103	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP104	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP105	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP106	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP107	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP108	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP109	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP201	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP206	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP207	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP210	1-535-757-11	s CHIP, CHECKER (CONNECTOR)

SE-642 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8329-589-A	s MOUNTED CIRCUIT BOARD, SE-642
CN401	1-580-055-21	o PIN, CONNECTOR 2P
S401	1-572-988-11	s SWITCH, MICRO

SW-1081 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-8329-587-A	s MOUNTED CIRCUIT BOARD, SW-1081
CN101	Δ 1-961-257-11	o HARNESS, SUB (APS139-5)
CN102	Δ 1-961-258-11	o HARNESS, SUB (APS139-6)
CN103	Δ 1-961-227-11	o HARNESS, SUB (APS139-3)
S101	Δ 1-571-433-21	s SWITCH, PUSH (AC POWER)

SY-299 BOARD

*J1:[UP-21MD(J), UP21MDS(J)]
*J2:[YP-22MD(J)]
*UC:[UP-21MD(UC)]
*CE:[UP-21MD(CE)]

Ref. No. or Q'ty	Part No.	SP Description
1pc	*J1 A-8329-577-A	s MOUNTED CIRCUIT BOARD, SY-299
1pc	*UC A-8329-577-A	s MOUNTED CIRCUIT BOARD, SY-299
1pc	*CE A-8329-577-A	s MOUNTED CIRCUIT BOARD, SY-299
1pc	*J2 A-8344-191-A	s MOUNTED CIRCUIT BOARD, SY-299 (O)

BZ101	1-529-080-11	s BUZZER, PIEZOELECTRIC
C101	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C102	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C103	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C104	1-162-917-11	s CAPACITOR, CERAMIC 15PF/50V CH
C105	1-164-230-11	s CAPACITOR, CERAMIC 220PF/50V
C106	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C107	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C108	1-162-923-11	s CAPACITOR, CERAMIC 47PF/50V CH
C109	1-164-230-11	s CAPACITOR, CERAMIC 220PF/50V
C110	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C111	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C112	1-104-608-11	s CAPACITOR, ELECT 33MF/6.3V
C113	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C114	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C116	1-162-915-11	s CAPACITOR, CERAMIC 10PF/50V CH
C117	1-162-915-11	s CAPACITOR, CERAMIC 10PF/50V CH
C118	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C119	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C123	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C124	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C125	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C126	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C127	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C128	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C129	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C130	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C201	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C202	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C203	1-162-918-11	s CAPACITOR, CERAMIC 18PF/50V CH
C204	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C205	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C206	1-162-923-11	s CAPACITOR, CERAMIC 47PF/50V CH
C207	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C208	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C209	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C210	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C211	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C212	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C213	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C214	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C215	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C216	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C217	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C218	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C219	1-162-923-11	s CAPACITOR, CERAMIC 47PF/50V CH
C220	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C221	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C222	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH
C223	1-162-921-11	s CAPACITOR, CERAMIC 33PF/50V CH

(SY-299 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C224	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C225	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C302	1-126-392-11	s CAPACITOR,CHIP ELECT100MF/6.3V
C303	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C304	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C305	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C306	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C307	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C308	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C309	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C310	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C311	1-126-392-11	s CAPACITOR,CHIP ELECT100MF/6.3V
C312	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C313	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C314	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C315	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C316	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C317	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C318	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C319	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C320	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C321	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C322	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C323	1-104-608-11	s CAPACITOR, ELECT 33MF/6.3V
C324	1-125-891-11	s CAPACITOR CERAMIC 0.47MF/10V
C325	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C326	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C327	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C328	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C329	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C332	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C333	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C334	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C335	1-162-921-11	s CAPACITOR,CERAMIC 33PF/50V CH
C336	1-164-230-11	s CAPACITOR,CERAMIC 220PF/50V
C337	1-162-921-11	s CAPACITOR,CERAMIC 33PF/50V CH
C338	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C339	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C402	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C403	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C404	1-110-569-21	s CAPACITOR CHIP TANTAL47MF/6.3V
C405	1-162-966-11	s CAPACITOR,CERAMIC 2200PF/50V B
C406	1-110-569-21	s CAPACITOR CHIP TANTAL47MF/6.3V
C407	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C408	1-110-569-21	s CAPACITOR CHIP TANTAL47MF/6.3V
C409	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C412	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C413	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C414	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C415	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C416	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C417	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C418	1-110-569-21	s CAPACITOR CHIP TANTAL47MF/6.3V
C419	1-128-235-11	s CAPACITOR ELECT 0.47MF/50V
C420	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C421	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C423	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH

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Ref. No. or Q'ty	Part No.	SP Description
C424	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C425	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C426	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C427	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C428	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C429	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C430	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C431	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C432	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C433	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C434	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C435	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C436	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C437	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C438	1-162-928-11	s CAPACITOR,CERAMIC 120PF/50V CH
C439	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C440	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C441	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C501	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C502	1-104-610-11	s CAPACITOR, ELECT 47MF/4V(CHIP)
C503	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C504	1-162-921-11	s CAPACITOR,CERAMIC 33PF/50V CH
C505	1-162-919-11	s CAPACITOR,CERAMIC 22PF/50V CH
C506	1-104-610-11	s CAPACITOR, ELECT 47MF/4V(CHIP)
C507	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C508	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C509	1-104-608-11	s CAPACITOR, ELECT 33MF/6.3V
C510	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C511	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C512	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C513	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C514	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
CN101	1-779-334-11	s CONNECTOR, FFC/FPC (LIF) 20P
CN201	1-778-331-11	s CONNECTOR, FFC/FPC 16P
CN203	1-766-360-21	s CONNECTOR, FFC/FPC (LIF) 30P
CN301	1-779-334-11	s CONNECTOR, FFC/FPC (LIF) 20P
CN302	1-779-334-11	s CONNECTOR, FFC/FPC (LIF) 20P
CN303	1-695-320-21	o PIN, CONNECTOR(1.5MM)SMD 2P
CN305	1-779-334-11	s CONNECTOR, FFC/FPC (LIF) 20P
CN401	1-779-937-11	s CONNECTOR, FFC/FPC 19P
CN501	1-779-338-11	s CONNECTOR, FFC/FPC 28P
D102	8-719-801-78	s DIODE 1SS184
D201	8-719-800-76	s DIODE 1SS226
D202	8-719-800-76	s DIODE 1SS226
D203	8-719-800-76	s DIODE 1SS226
D204	8-719-800-76	s DIODE 1SS226
D205	8-719-800-76	s DIODE 1SS226
D206	8-719-800-76	s DIODE 1SS226
D207	8-719-800-76	s DIODE 1SS226
D208	8-719-800-76	s DIODE 1SS226
D209	8-719-800-76	s DIODE 1SS226
D210	8-719-800-76	s DIODE 1SS226
D401	8-719-016-74	s DIODE 1SS352
D402	8-719-800-76	s DIODE 1SS226
D403	8-719-800-76	s DIODE 1SS226
D404	8-719-800-76	s DIODE 1SS226
D405	8-719-800-76	s DIODE 1SS226
D406	8-719-800-76	s DIODE 1SS226

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Ref. No. or Q'ty	Part No.	SP Description
D407	8-719-800-76	s DIODE 1SS226
D408	8-719-800-76	s DIODE 1SS226
D409	8-719-800-76	s DIODE 1SS226
D410	8-719-800-76	s DIODE 1SS226
D411	8-719-800-76	s DIODE 1SS226
D412	8-719-800-76	s DIODE 1SS226
D413	8-719-800-76	s DIODE 1SS226
D414	8-719-800-76	s DIODE 1SS226
D415	8-719-800-76	s DIODE 1SS226
D416	8-719-800-76	s DIODE 1SS226
D417	8-719-800-76	s DIODE 1SS226
D418	8-719-800-76	s DIODE 1SS226
FB201	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB202	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB203	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB204	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB205	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB206	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB207	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB208	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB209	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB210	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB211	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB212	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB213	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB214	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB215	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB216	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB217	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB218	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB219	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB220	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB221	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB222	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB223	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB224	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB225	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB226	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB227	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB228	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB229	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB230	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB231	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB232	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB233	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB234	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB235	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB236	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB237	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB238	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB401	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB402	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB403	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB404	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB405	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB406	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB407	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB408	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)

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Ref. No. or Q'ty	Part No.	SP Description
FB409	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB410	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB411	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB412	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB413	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB414	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
FB415	1-414-760-21	s INDUCTOR, MICRO (CHIP TYPE)
IC101	8-759-684-72	s IC M24C64-WMN6T(A)
IC102	8-759-537-91	s IC UPD6466GS-517-E2
IC103	6-700-970-01	s IC HD64F2238BFA13
IC104	8-759-257-96	s IC TC7S14FU (TE85R)
IC105	8-759-518-38	s IC PST572MT
IC107	8-759-327-60	s IC TC7W125FU-TE12R
IC108	8-759-439-67	s IC TC7W126FU(TE12R)
IC109	8-759-548-99	s IC SN74LV08APWR
IC201	8-759-549-15	s IC SN74LV245APWR
IC202	8-759-574-63	s IC SP232ACN
IC203	8-759-574-63	s IC SP232ACN
IC204	8-759-549-14	s IC SN74LV244APWR
IC205	8-759-988-13	s IC LM393PS
IC206	8-759-983-69	s IC LM358PS
IC207	8-759-058-56	s IC TC7S02FU(TE85R)
IC208	8-759-058-64	s IC TC7S32FU-TE85R
IC209	8-759-988-13	s IC LM393PS
IC301	8-759-058-62	s IC TC7S08FU-TE85R
IC302	8-759-683-56	s IC HD64F2144FA20
IC303	8-759-549-04	s IC SN74LV138APWR
IC305	8-759-549-23	s IC SN74LV74APWR
IC307	8-759-058-54	s IC TC7S00FU-TE85R
IC308	8-759-058-56	s IC TC7S02FU(TE85R)
IC401	8-759-476-50	s IC CXD8636Q
IC402	8-759-189-55	s IC CXD8665R
IC403	8-759-476-50	s IC CXD8636Q
IC404	8-759-546-74	s IC TC7WH157FU(TE12R)
IC405	8-759-058-56	s IC TC7S02FU(TE85R)
IC406	8-759-058-64	s IC TC7S32FU-TE85R
IC407	8-759-058-64	s IC TC7S32FU-TE85R
IC501	6-800-646-01	s IC CXD9161TQ
IC502	8-759-587-17	s IC CXD9108Q
IC503	8-759-570-08	s IC TC7SET32FU(TE85R)
L301	1-410-388-31	s INDUCTOR,CHIP 39UH
L302	1-424-653-11	s COIL,CHOKE 10UH
L501	1-424-653-11	s COIL,CHOKE 10UH
Q101	8-729-027-56	s TRANSISTOR DTC143TKA-T146
Q201	8-729-120-28	s TRANSISTOR 2SC1623-L5L6
Q202	8-729-027-38	s TRANSISTOR DTA144EKA-T146
Q203	8-729-900-53	s TRANSISTOR DTC114EK
R101	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R102	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R103	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R104	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R105	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R106	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R107	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R108	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R109	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R110	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R111	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R112	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R113	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R114	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R115	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R116	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R117	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R118	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R119	1-216-809-11	s RESISTOR, CHIP 100 1/16W 1608
R120	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R121	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R122	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R123	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R124	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R125	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R126	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R128	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R129	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R130	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R131	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R132	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R133	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R134	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R135	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R136	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R137	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R138	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R144	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R145	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R146	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R147	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R148	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R149	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R150	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R151	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R152	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R153	1-216-803-11	s RESISTOR, CHIP 33 1/16W (1608)
R154	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R155	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R156	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R157	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R158	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R159	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R160	1-216-809-11	s RESISTOR, CHIP 100 1/16W 1608
R201	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R202	1-216-829-11	s RESISTOR, CHIP 4.7K 1/16W (1608)
R203	1-216-809-11	s RESISTOR, CHIP 100 1/16W 1608
R204	1-216-849-11	s RESISTOR, CHIP 220K 1/16W 1608
R205	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R206	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R207	1-216-809-11	s RESISTOR, CHIP 100 1/16W 1608
R208	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R209	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R210	1-216-812-11	s RESISTOR, CHIP 180 1/16W 1608
R211	1-216-809-11	s RESISTOR, CHIP 100 1/16W 1608
R212	1-216-847-11	s RESISTOR, CHIP 150K 1/16W 1608
R213	1-216-839-11	s RESISTOR, CHIP 33K 1/16W 1608
R214	1-216-835-11	s RESISTOR, CHIP 15K 1/16W
R215	1-216-851-11	s RESISTOR, CHIP 330K 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP Description
R216	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R217	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R218	1-216-829-11	s RESISTOR, CHIP 4.7K 1/16W (1608)
R219	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R220	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R221	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R222	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R223	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R224	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R225	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R226	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R227	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R228	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R229	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R230	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R232	1-216-864-11	s CONDUCTOR, CHIP (1608)
R233	1-216-864-11	s CONDUCTOR, CHIP (1608)
R234	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R235	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R236	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R237	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R238	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R239	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R240	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R241	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R242	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R243	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R244	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R245	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R246	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R247	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R248	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R249	1-216-821-11	s RESISTOR, CHIP 1.0K 1/16W (1608)
R250	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R301	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R302	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R303	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R304	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R305	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R306	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R307	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R308	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R309	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R310	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R311	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R312	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R313	1-216-805-11	s RESISTOR, CHIP 47 1/16W 1608
R314	1-216-844-11	s RESISTOR, CHIP 82K 1/16W 1608
R315	1-216-296-00	s CONDUCTOR, CHIP (3216)
R316	1-216-296-00	s CONDUCTOR, CHIP (3216)
R317	1-216-296-00	s CONDUCTOR, CHIP (3216)
R318	1-216-296-00	s CONDUCTOR, CHIP (3216)
R319	1-216-835-11	s RESISTOR, CHIP 15K 1/16W
R320	1-216-834-11	s RESISTOR, CHIP 12K 1/16W 1608
R321	1-216-840-11	s RESISTOR, CHIP 39K 1/16W 1608
R322	1-216-840-11	s RESISTOR, CHIP 39K 1/16W 1608
R323	1-216-833-11	s RESISTOR, CHIP 10K 1/16W (1608)
R324	1-216-840-11	s RESISTOR, CHIP 39K 1/16W 1608
R325	1-216-840-11	s RESISTOR, CHIP 39K 1/16W 1608

Ref. No. or Q'ty	Part No.	SP	Description
R509	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R510	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R511	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R512	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R513	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R514	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R515	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R516	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R517	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R518	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R519	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R520	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R521	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R522	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R523	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R524	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R533	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R534	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R535	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R536	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R537	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R538	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R539	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R540	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R541	1-216-813-11	s	RESISTOR, CHIP 220 1/16W 1608
R542	1-216-857-11	s	RESISTOR,CHIP 1M 1/16W(1608)
R543	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R544	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R545	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R546	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R547	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R548	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R549	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R550	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R552	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R553	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R554	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R555	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R556	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R557	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R558	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R559	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R560	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R561	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R563	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R564	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R565	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R566	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R567	1-216-864-11	s	CONDUCTOR, CHIP (1608)
RB407	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB408	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB409	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
RB410	1-233-936-11	s	RESISTOR,NETWORK 10 (1608)
S101	1-570-909-11	s	SWITCH, TACTIL (REFLOW TYPE)
S201	1-571-275-31	s	SWITCH,SLIDE (1-1-2)
S301	1-570-909-11	s	SWITCH, TACTIL (REFLOW TYPE)
TP101	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP102	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

[illegible]

(SY-299 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
TP514	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP515	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP516	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP517	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP518	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
TP519	1-535-757-11	s CHIP, CHECKER (CONNECTOR)
X101	1-781-000-11	s VIBRATOR, CRYSTAL
X301	1-760-558-11	o VIBRATOR, CRYSTAL
X401	1-760-590-21	s OSCILLATOR, CRYSTAL
X402	1-767-060-11	s OSCILLATOR, CRYSTAL
X501	1-579-996-21	s VIBRATOR, CERAMIC

VPR-74 BOARD

*J1: [UP-21MD(J), UP21MDS(J)]
 *J2: [YP-22MD(J)]
 *UC: [UP-21MD(UC)]
 *CE: [UP-21MD(CE)]

Ref. No. or Q'ty	Part No.	SP Description
1pc	*J1 A-8329-575-A	s MOUNTED CIRCUIT BOARD, VPR-74
1pc	*UC A-8329-575-A	s MOUNTED CIRCUIT BOARD, VPR-74
1pc	*CE A-8329-575-A	s MOUNTED CIRCUIT BOARD, VPR-74
1pc	*J2 A-8344-189-A	s MOUNTED CIRCUIT BOARD, VPR-74
C102	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C103	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C104	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C105	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C106	1-162-959-11	s CAPACITOR, CERAMIC 330PF/50V SL
C107	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C108	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C109	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C110	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C111	1-128-934-11	s CAPCITOR CHIP CERAMIC 0.33MF
C112	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C113	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C114	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C115	1-126-394-11	s CAPACITOR, ELECT 10MF/16V(CHIP)
C116	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C117	1-115-416-11	s CAPACITOR, CERAMIC 1000PF/25V
C118	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C119	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C120	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C121	1-125-891-11	s CAPACITOR CERAMIC 0.47MF/10V
C122	1-162-964-11	s CAPACITOR, CERAMIC 1000PF/50V B
C123	1-126-392-11	s CAPACITOR, CHIP ELECT100MF/6.3V
C124	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C125	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C126	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C127	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C128	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C129	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C130	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C131	1-164-227-11	s CAPACITOR, CERAMIC 0.022MF/25V
C132	1-126-394-11	s CAPACITOR, ELECT 10MF/16V(CHIP)
C133	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C134	1-126-394-11	s CAPACITOR, ELECT 10MF/16V(CHIP)
C135	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C136	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C137	1-126-392-11	s CAPACITOR, CHIP ELECT100MF/6.3V
C138	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C139	1-126-395-11	s CAPACITOR, ELECT 22MF/16V(CHIP)
C140	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C141	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C149	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C151	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C152	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C153	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C154	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C155	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C158	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C159	1-104-608-11	s CAPACITOR, ELECT 33MF/6.3V
C160	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C161	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V

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Ref. No. or Q'ty	Part No.	SP Description
C162	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C163	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C164	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C165	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C166	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C167	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C168	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C169	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C170	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C171	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C172	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C173	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C174	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C201	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C202	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C203	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C204	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C205	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C206	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C207	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C208	1-125-837-11	s CAPACITOR,CHIP CERAMIC1MF/6.3V
C209	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C210	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-162-917-11	s CAPACITOR,CERAMIC 15PF/50V CH
C212	1-162-917-11	s CAPACITOR,CERAMIC 15PF/50V CH
C213	1-125-891-11	s CAPACITOR CERAMIC 0.47MF/10V
C214	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C215	1-164-315-11	s CAPACITOR,CERAMIC 470PF/50V CH
C216	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C217	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C218	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C219	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C220	1-125-891-11	s CAPACITOR CERAMIC 0.47MF/10V
C221	1-125-891-11	s CAPACITOR CERAMIC 0.47MF/10V
C222	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C223	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C224	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C225	1-115-416-11	s CAPACITOR,CERAMIC 1000PF/25V
C226	1-162-968-11	s CAPACITOR,CERAMIC 4700PF/50V B
C227	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C228	1-125-891-11	s CAPACITOR CERAMIC 0.47MF/10V
C229	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C230	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C231	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C232	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C233	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C234	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C236	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C237	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C238	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C239	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C240	1-162-968-11	s CAPACITOR,CERAMIC 4700PF/50V B
C241	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C242	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C243	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C244	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C245	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C246	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C247	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP Description
C248	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C249	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C250	1-126-401-11	s CAPACITOR, ELECT 1MF/50V(CHIP)
C251	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C252	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C253	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C254	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C255	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C256	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C257	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C258	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C259	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C260	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C261	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C262	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C263	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C264	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C265	1-162-966-11	s CAPACITOR,CERAMIC 2200PF/50V B
C266	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C267	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C268	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C269	1-162-964-11	s CAPACITOR,CERAMIC 1000PF/50V B
C270	1-162-966-11	s CAPACITOR,CERAMIC 2200PF/50V B
C271	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C272	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C273	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C274	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C275	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C277	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C278	1-162-925-11	s CAPACITOR,CERAMIC 68PF/50V CH
C279	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C301	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C302	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C303	1-162-927-11	s CAPACITOR,CERAMIC 100PF/50V CH
C304	1-126-392-11	s CAPACITOR,CHIP ELECT100MF/6.3V
C305	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C306	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C307	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C308	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C309	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C310	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C311	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C312	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C313	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C314	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C315	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C316	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C319	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C320	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C321	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C323	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C324	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C325	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C326	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C327	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C328	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C329	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C330	1-126-392-11	s CAPACITOR,CHIP ELECT100MF/6.3V
C331	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)

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Ref. No. or Q'ty	Part No.	SP Description
C332	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C333	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
C334	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C335	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
C336	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C337	1-126-395-11	s CAPACITOR,ELECT 22MF/16V(CHIP)
C338	1-126-394-11	s CAPACITOR,ELECT 10MF/16V(CHIP)
C339	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C340	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C341	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C342	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C343	1-128-934-11	s CAPCITOR CHIP CERAMIC 0.33MF
C344	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C345	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C346	1-162-924-11	s CAPACITOR,CERAMIC 56PF/50V CH
C347	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C348	1-162-924-11	s CAPACITOR,CERAMIC 56PF/50V CH
C349	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C350	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C351	1-162-924-11	s CAPACITOR,CERAMIC 56PF/50V CH
C352	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C370	1-126-396-11	s CAPACITOR,ELECT 47MF/16V(CHIP)
C371	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C372	1-126-398-11	s CAPACITOR ELECT 4.7MF/35V(CHIP
C373	1-126-398-11	s CAPACITOR ELECT 4.7MF/35V(CHIP
C374	1-126-398-11	s CAPACITOR ELECT 4.7MF/35V(CHIP
C375	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C376	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C377	1-162-915-11	s CAPACITOR,CERAMIC 10PF/50V CH
C378	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C379	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C380	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C381	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C382	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C383	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C384	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C385	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C386	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C387	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C388	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C389	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C390	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C391	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C392	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C393	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C394	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C395	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C401	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C402	1-126-392-11	s CAPACITOR,CHIP ELECT100MF/6.3V
C403	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C404	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C405	1-126-390-11	s CAPACITOR ELECT 22MF/6.3V(105)
C406	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C407	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C408	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C409	1-162-909-11	s CAPACITOR,CERAMIC 4PF/50V CH
C410	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C412	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH

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Ref. No. or Q'ty	Part No.	SP Description
C413	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C414	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C415	1-115-416-11	s CAPACITOR,CERAMIC 1000PF/25V
C416	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C417	1-115-416-11	s CAPACITOR,CERAMIC 1000PF/25V
C418	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C419	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C420	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C421	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C422	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C423	1-162-922-11	s CAPACITOR,CERAMIC 39PF/50V CH
C424	1-162-922-11	s CAPACITOR,CERAMIC 39PF/50V CH
C425	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C426	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C428	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C429	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C430	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C431	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C432	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C433	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C434	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C435	1-126-392-11	s CAPACITOR,CHIP ELECT100MF/6.3V
C436	1-126-402-11	s CAPACITOR, ELECT 2.2MF/50V
C437	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C438	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C440	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C441	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C442	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C443	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C444	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C445	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C446	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C447	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C448	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C449	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C450	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C451	1-126-412-11	s CAPACITOR,ELECT 220MF/4V(CHIP)
C452	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C453	1-162-923-11	s CAPACITOR,CERAMIC 47PF/50V CH
C454	1-115-416-11	s CAPACITOR,CERAMIC 1000PF/25V
C455	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C456	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C457	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C458	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C459	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C460	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C461	1-125-837-11	s CAPACITOR,CHIP CERAMIC1MF/6.3V
C462	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C463	1-125-837-11	s CAPACITOR,CHIP CERAMIC1MF/6.3V
C464	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C465	1-126-391-11	s CAPACITOR ELECT 47MF/6.3V(105)
C466	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C467	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C472	1-162-912-11	s CAPACITOR,CERAMIC 7PF/50V 1608
C501	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C502	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C503	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C504	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C505	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP Description
C506	1-162-915-11 s	CAPACITOR, CERAMIC 10PF/50V CH
C507	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C508	1-162-915-11 s	CAPACITOR, CERAMIC 10PF/50V CH
C509	1-162-964-11 s	CAPACITOR, CERAMIC 1000PF/50V B
C510	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C601	1-126-392-11 s	CAPACITOR, CHIP ELECT100MF/6.3V
C602	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C603	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C604	1-126-392-11 s	CAPACITOR, CHIP ELECT100MF/6.3V
C605	1-126-392-11 s	CAPACITOR, CHIP ELECT100MF/6.3V
C606	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C607	1-162-916-11 s	CAPACITOR, CERAMIC 12PF/50V CH
C608	1-162-917-11 s	CAPACITOR, CERAMIC 15PF/50V CH
C609	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C610	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C611	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C612	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C613	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C614	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C615	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C616	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C617	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C618	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C619	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C620	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C621	1-126-392-11 s	CAPACITOR, CHIP ELECT100MF/6.3V
C701	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C702	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C704	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C801	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C802	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C901	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C902	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C903	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C904	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C905	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C906	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C907	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C908	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C909	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C910	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C911	1-162-927-11 s	CAPACITOR, CERAMIC 100PF/50V CH
C912	1-162-927-11 s	CAPACITOR, CERAMIC 100PF/50V CH
C913	1-162-927-11 s	CAPACITOR, CERAMIC 100PF/50V CH
C914	1-162-927-11 s	CAPACITOR, CERAMIC 100PF/50V CH
C915	1-162-927-11 s	CAPACITOR, CERAMIC 100PF/50V CH
C916	1-162-927-11 s	CAPACITOR, CERAMIC 100PF/50V CH
C917	1-162-927-11 s	CAPACITOR, CERAMIC 100PF/50V CH
C918	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C919	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C921	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C922	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C923	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C924	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C1001	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C1002	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C1003	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C1004	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C1005	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP Description
C1006	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C1007	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C1008	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C1009	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C1010	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C1011	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C1012	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C1013	1-104-608-11 s	CAPACITOR, ELECT 33MF/6.3V
C1014	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
C1015	1-107-826-11 s	CAPACITOR, CHIP CERAMIC 0.1MF
CN102	1-774-767-11 s	CONNECTOR, FFC/FPC 15P
CN301	1-779-334-11 s	CONNECTOR, FFC/FPC (LIF) 20P
CN401	1-774-287-11 s	CONNECTOR (FFC) 22P
CN402	1-779-353-21 s	CONNECTOR, FFC/FPC 5P
CN502	1-779-334-11 s	CONNECTOR, FFC/FPC (LIF) 20P
CN601	1-770-470-21 o	PIN, CONNECTOR (PC BOARD) 6P
CN901	1-779-338-11 s	CONNECTOR, FFC/FPC 28P
CT401	1-141-322-11 s	CAPACITOR, VAR, TRIMMER
CT402	1-141-322-11 s	CAPACITOR, VAR, TRIMMER
CT403	1-141-322-11 s	CAPACITOR, VAR, TRIMMER
D101	8-719-800-76 s	DIODE 1SS226
D301	8-719-083-60 s	DIODE UDZSTE-174.7B
D401	8-719-071-32 s	DIODE HVC350BTRF
FL101	1-233-877-11 s	FILTER, LOW PASS
FL102	1-233-877-11 s	FILTER, LOW PASS
FL103	1-233-877-11 s	FILTER, LOW PASS
FL301	1-239-564-11 s	FILTER, LOW PASS
FL302	1-239-564-11 s	FILTER, LOW PASS
FL303	1-239-564-11 s	FILTER, LOW PASS
IC102	8-759-038-15 s	IC MC74HC4538AF
IC103	8-759-710-86 s	IC NJM2233BM
IC104	8-752-081-26 s	IC CXA2040AQ (T4)
IC105	8-759-234-08 s	IC TA78L05F
IC106	8-759-712-88 s	IC MM1504XNRE
IC107	8-759-196-69 s	IC BA7655AF-E2
IC109	8-759-436-89 s	IC MC141627FT
IC201	8-759-522-18 s	IC NJM78M09DLA (TE1)
IC202	8-759-522-18 s	IC NJM78M09DLA (TE1)
IC203	8-759-514-57 s	IC BA7046F
IC204	8-752-081-43 s	IC CXA2076Q (TL)
IC205	8-759-082-55 s	IC TC7W00FU
IC206	8-759-082-60 s	IC TC7S66FU
IC207	8-759-038-15 s	IC MC74HC4538AF
IC208	8-759-038-15 s	IC MC74HC4538AF
IC209	8-759-038-15 s	IC MC74HC4538AF
IC210	8-759-082-60 s	IC TC7S66FU
IC211	8-759-565-20 s	IC TDA4665T/V5-118
IC301	6-700-643-01 s	IC BR24E16FV
IC302	8-759-669-46 s	IC LM358PWR-12
IC303	8-752-072-81 s	IC CXA1875AM
IC304	8-759-196-69 s	IC BA7655AF-E2
IC305	8-759-196-69 s	IC BA7655AF-E2
IC306	8-759-196-69 s	IC BA7655AF-E2
IC307	8-759-082-61 s	IC TC4W53FU
IC308	8-759-929-26 s	IC TL431CPS
IC309	8-759-669-46 s	IC LM358PWR-12
IC310	8-759-359-49 s	IC NJM3414AV (TE2)

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Ref. No. or Q'ty	Part No.	SP	Description
IC311	8-759-234-08	s	IC TA78L05F
IC350	8-752-337-04	s	IC CXD1176Q
IC351	8-752-337-04	s	IC CXD1176Q
IC352	8-752-337-04	s	IC CXD1176Q
IC401	8-759-270-29	s	IC SN74HC257ANS (E20)
IC402	8-759-082-58	s	IC TC7W08FU
IC403	8-759-082-58	s	IC TC7W08FU
IC404	8-759-082-61	s	IC TC4W53FU
IC405	8-759-082-61	s	IC TC4W53FU
IC406	8-752-341-58	s	IC CXD1217Q
IC407	8-759-576-90	s	IC BH7243KV
IC408	8-759-358-38	s	IC NJM78M05DLA (TE1)
IC409	8-759-433-44	s	IC MM1031XML
IC410	8-759-582-18	s	IC NJM2538BV (TE2)
IC501	6-700-969-01	s	IC HD64F2345FA20
IC502	8-759-058-62	s	IC TC7S08FU-TE85R
IC503	8-759-058-64	s	IC TC7S32FU-TE85R
IC504	8-759-083-94	s	IC TC7W74FU
IC505	8-759-058-58	s	IC TC7S04FU-TE85R
IC506	8-759-546-74	s	IC TC7WH157FU (TE12R)
IC601	8-759-096-87	s	IC TC7WU04FU (TE12R)
IC602	8-759-082-57	s	IC TC7W04FU
IC603	8-759-287-50	s	IC CXD8932Q
IC604	8-759-297-60	s	IC DS1000Z-75
IC605	8-759-297-58	s	IC DS1000Z-50
IC606	8-759-058-56	s	IC TC7S02FU (TE85R)
IC607	8-759-297-58	s	IC DS1000Z-50
IC608	8-759-549-23	s	IC SN74LV74APWR
IC609	8-759-549-23	s	IC SN74LV74APWR
IC701	8-759-194-80	s	IC CXD8869Q
IC801	8-759-713-79	s	IC MB81F643242C-10FN
IC901	8-759-194-80	s	IC CXD8869Q
IC902	6-800-907-01	o	IC MR27V401DMA-UP21MSV1.0
IC903	6-800-906-01	o	IC MR27V802DMA-UP21MMV1.0
IC904	8-759-549-20	s	IC SN74LV541APWR
IC905	8-759-549-22	s	IC SN74LV574APWR
IC906	8-759-549-22	s	IC SN74LV574APWR
IC907	8-759-082-57	s	IC TC7W04FU
IC908	8-759-549-20	s	IC SN74LV541APWR
IC909	8-759-058-64	s	IC TC7S32FU-TE85R
IC910	8-759-549-20	s	IC SN74LV541APWR
IC911	8-759-549-20	s	IC SN74LV541APWR
IC912	8-759-549-20	s	IC SN74LV541APWR
IC913	8-759-549-20	s	IC SN74LV541APWR
IC914	8-759-549-20	s	IC SN74LV541APWR
IC1001	8-759-660-41	s	IC CXD9111R
L103	1-414-398-11	s	INDUCTOR (SMD) 10UH
L105	1-414-398-11	s	INDUCTOR (SMD) 10UH
L106	1-414-398-11	s	INDUCTOR (SMD) 10UH
L107	1-414-398-11	s	INDUCTOR (SMD) 10UH
L108	1-414-398-11	s	INDUCTOR (SMD) 10UH
L109	1-414-398-11	s	INDUCTOR (SMD) 10UH
L110	1-414-398-11	s	INDUCTOR (SMD) 10UH
L201	1-424-653-11	s	COIL, CHOKE 10UH
L202	1-424-653-11	s	COIL, CHOKE 10UH
L203	1-414-398-11	s	INDUCTOR (SMD) 10UH
L301	1-414-398-11	s	INDUCTOR (SMD) 10UH
L350	1-414-398-11	s	INDUCTOR (SMD) 10UH

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Ref. No. or Q'ty	Part No.	SP	Description
L401	1-414-398-11	s	INDUCTOR (SMD) 10UH
L402	1-414-398-11	s	INDUCTOR (SMD) 10UH
L403	1-414-398-11	s	INDUCTOR (SMD) 10UH
L404	1-414-398-11	s	INDUCTOR (SMD) 10UH
L405	1-414-398-11	s	INDUCTOR (SMD) 10UH
L601	1-424-653-11	s	COIL, CHOKE 10UH
L605	1-424-653-11	s	COIL, CHOKE 10UH
Q101	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q102	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q103	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q104	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q105	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q106	8-729-027-52	s	TRANSISTOR DTC124EAK-T146
Q107	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q108	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q109	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q110	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q111	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q112	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q201	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q202	8-729-402-81	s	TRANSISTOR XN4501
Q203	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q204	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q205	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q206	8-729-027-52	s	TRANSISTOR DTC124EAK-T146
Q301	8-729-402-84	s	TRANSISTOR XN4601
Q302	8-729-402-84	s	TRANSISTOR XN4601
Q303	8-729-402-84	s	TRANSISTOR XN4601
Q304	8-729-420-36	s	TRANSISTOR XN2501
Q305	8-729-420-36	s	TRANSISTOR XN2501
Q306	8-729-420-36	s	TRANSISTOR XN2501
Q307	8-729-027-52	s	TRANSISTOR DTC124EAK-T146
Q308	8-729-402-81	s	TRANSISTOR XN4501
Q309	8-729-402-81	s	TRANSISTOR XN4501
Q310	8-729-402-81	s	TRANSISTOR XN4501
Q311	8-729-140-47	s	TRANSISTOR 2SC3735-L-B35
Q312	8-729-140-47	s	TRANSISTOR 2SC3735-L-B35
Q313	8-729-140-47	s	TRANSISTOR 2SC3735-L-B35
Q401	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q402	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q403	8-729-230-60	s	TRANSISTOR 2SA1586-YG
Q404	8-729-027-52	s	TRANSISTOR DTC124EAK-T146
Q405	8-729-027-31	s	TRANSISTOR DTA124EAK-T146
Q406	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q407	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q408	8-729-027-52	s	TRANSISTOR DTC124EAK-T146
Q409	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q410	8-729-027-31	s	TRANSISTOR DTA124EAK-T146
Q411	8-729-230-63	s	TRANSISTOR 2SC4116-YG
Q412	8-729-027-52	s	TRANSISTOR DTC124EAK-T146
R107	1-216-837-11	s	RESISTOR, CHIP 22K 1/16W 1608
R108	1-216-837-11	s	RESISTOR, CHIP 22K 1/16W 1608
R109	1-216-845-11	s	RESISTOR, CHIP 100K 1/16W (1608)
R110	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R111	1-216-841-11	s	RESISTOR, CHIP 47K 1/16W 1608
R112	1-216-833-11	s	RESISTOR, CHIP 10K 1/16W (1608)
R113	1-216-837-11	s	RESISTOR, CHIP 22K 1/16W 1608
R114	1-216-821-11	s	RESISTOR, CHIP 1.0K 1/16W (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R115	1-216-837-11	s RESISTOR,CHIP 22K 1/16W 1608
R116	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R117	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R118	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R119	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R120	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R121	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R122	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R123	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R124	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R125	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R126	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R127	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R128	1-216-839-11	s RESISTOR,CHIP 33K 1/16W 1608
R129	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R130	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R131	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R132	1-216-805-11	s RESISTOR,CHIP 47 1/16W 1608
R133	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R134	1-216-847-11	s RESISTOR, CHIP 150K 1/16W 1608
R135	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R136	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R137	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R138	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R139	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R140	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R141	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R142	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R143	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R144	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R145	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R146	1-216-820-11	s RESISTOR, CHIP 820 1/16W 1608
R147	1-216-818-11	s RESISTOR, CHIP 560 1/16W 1608
R148	1-216-864-11	s CONDUCTOR, CHIP (1608)
R149	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R150	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R151	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R152	1-216-818-11	s RESISTOR,CHIP 56K 1/16W (1608)
R154	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R155	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R156	1-216-818-11	s RESISTOR, CHIP 560 1/16W 1608
R157	1-216-864-11	s CONDUCTOR, CHIP (1608)
R158	1-216-843-11	s RESISTOR,CHIP 68K 1/16W (1608)
R159	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R160	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R161	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R162	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R163	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R164	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R165	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R166	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R167	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R168	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R169	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R171	1-220-238-11	s RESISTOR CHIP 10 1/4W (3225)
R172	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R173	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R174	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R175	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608

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Ref. No. or Q'ty	Part No.	SP Description
R176	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R177	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R178	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R179	1-216-841-11	s RESISTOR, CHIP 47K 1/16W 1608
R180	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R181	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R182	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R183	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R184	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R201	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R202	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R203	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R204	1-216-814-11	s RESISTOR,CHIP 270 1/16W 1608
R205	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R206	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R207	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R208	1-216-853-11	s RESISTOR,CHIP 470K 1/16W(1608)
R209	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R210	1-216-814-11	s RESISTOR,CHIP 270 1/16W 1608
R211	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R212	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R213	1-216-835-11	s RESISTOR,CHIP 15K 1/16W
R214	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R215	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R216	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R217	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R218	1-216-824-11	s RESISTOR, CHIP 1.8K 1/16W 1608
R219	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R220	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R221	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R222	1-216-851-11	s RESISTOR,CHIP 330K 1/16W 1608
R223	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R225	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R226	1-216-809-11	s RESISTOR,CHIP 100 1/16W 1608
R227	1-216-830-11	s RESISTOR,CHIP 5.6K 1/16W 1608
R228	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R229	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R230	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R231	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R232	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R233	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R234	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R235	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R236	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R237	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R238	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R239	1-216-828-11	s RESISTOR, CHIP 3.9K 1/16W 1608
R240	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R241	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R242	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R243	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R244	1-218-867-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R245	1-216-826-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R246	1-216-825-11	s RESISTOR,CHIP 2.2K 1/16W 1608
R247	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R248	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R249	1-216-817-11	s RESISTOR,CHIP 470 1/16W 1608
R250	1-216-804-11	s RESISTOR,CHIP 39 1/16W 1608
R251	1-216-835-11	s RESISTOR,CHIP 15K 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R252	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R253	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R254	1-220-149-11	s	RESISTOR,CHIP 2.2 1/2W (4532)
R255	1-220-149-11	s	RESISTOR,CHIP 2.2 1/2W (4532)
R256	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R257	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R258	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R301	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R302	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R303	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R304	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R305	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R306	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R307	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R308	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R309	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R310	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R311	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/16W 1608
R312	1-216-824-11	s	RESISTOR, CHIP 1.8K 1/16W 1608
R313	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R314	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R315	1-216-837-11	s	RESISTOR,CHIP 22K 1/16W 1608
R316	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R317	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R318	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R319	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R320	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R321	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R322	1-216-832-11	s	RESISTOR,CHIP 8.2K 1/16W 1608
R323	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/16W(1608)
R324	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R325	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R326	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R327	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R328	1-216-817-11	s	RESISTOR,CHIP 470 1/16W 1608
R329	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R330	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R331	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R332	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R333	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/16W(1608)
R334	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R335	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R336	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/16W 1608
R337	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R338	1-216-809-11	s	RESISTOR,CHIP 100 1/16W 1608
R339	1-216-807-11	s	RESISTOR, CHIP 68 1/16W 1608
R340	1-216-811-11	s	RESISTOR, CHIP 150 1/16W(1608)
R341	1-216-810-11	s	RESISTOR, CHIP 120 1/16W 1608
R342	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R343	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R344	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R345	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R346	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R347	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R348	1-220-238-11	s	RESISTOR CHIP 10 1/4W (3225)
R349	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R350	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R351	1-216-815-11	s	RESISTOR,CHIP 330 1/16W 1608
R352	1-216-864-11	s	CONDUCTOR, CHIP (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R353	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R354	1-216-832-11	s	RESISTOR,CHIP 8.2K 1/16W 1608
R355	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R356	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R357	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R358	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R359	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R360	1-216-811-11	s	RESISTOR, CHIP 150 1/16W(1608)
R361	1-216-814-11	s	RESISTOR,CHIP 270 1/16W 1608
R362	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R363	1-216-814-11	s	RESISTOR,CHIP 270 1/16W 1608
R364	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R365	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R366	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R367	1-216-811-11	s	RESISTOR, CHIP 150 1/16W(1608)
R368	1-216-814-11	s	RESISTOR,CHIP 270 1/16W 1608
R369	1-216-814-11	s	RESISTOR,CHIP 270 1/16W 1608
R370	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R371	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R372	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R373	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R374	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R375	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R376	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R377	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R378	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R379	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R380	1-216-805-11	s	RESISTOR,CHIP 47 1/16W 1608
R381	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R382	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R383	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R391	1-216-840-11	s	RESISTOR,CHIP 39K 1/16W 1608
R392	1-216-811-11	s	RESISTOR,CHIP 150 1/16W(1608)
R393	1-216-814-11	s	RESISTOR,CHIP 270 1/16W 1608
R394	1-216-814-11	s	RESISTOR,CHIP 270 1/16W 1608
R395	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R396	1-216-835-11	s	RESISTOR,CHIP 15K 1/16W
R397	1-216-818-11	s	RESISTOR, CHIP 560 1/16W 1608
R398	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R401	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R402	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R403	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R404	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R405	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R406	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R407	1-216-839-11	s	RESISTOR,CHIP 33K 1/16W 1608
R408	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/16W 1608
R409	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R410	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R411	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R412	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R413	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)
R414	1-216-833-11	s	RESISTOR,CHIP 10K 1/16W (1608)
R415	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R416	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R417	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R418	1-216-803-11	s	RESISTOR,CHIP 33 1/16W (1608)
R419	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/16W(1608)
R420	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/16W(1608)

(VPR-74 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R421	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R422	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R423	1-216-823-11	s RESISTOR, CHIP 1.5K 1/16W
R424	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R425	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R426	1-216-829-11	s RESISTOR,CHIP 4.7K 1/16W(1608)
R427	1-216-849-11	s RESISTOR,CHIP 220K 1/16W 1608
R428	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R429	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R430	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R431	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R432	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R433	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R434	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R435	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R436	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R437	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R438	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R439	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R440	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R441	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R442	1-216-811-11	s RESISTOR, CHIP 150 1/16W(1608)
R443	1-218-867-11	s RESISTOR,CHIP 6.8K 1/16W(1608)
R444	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R445	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R446	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R447	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R448	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R449	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R450	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R451	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R452	1-216-845-11	s RESISTOR,CHIP 100K 1/16W(1608)
R453	1-216-864-11	s CONDUCTOR, CHIP (1608)
R454	1-216-864-11	s CONDUCTOR, CHIP (1608)
R455	1-216-864-11	s CONDUCTOR, CHIP (1608)
R456	1-216-864-11	s CONDUCTOR, CHIP (1608)
R457	1-216-864-11	s CONDUCTOR, CHIP (1608)
R458	1-216-864-11	s CONDUCTOR, CHIP (1608)
R459	1-216-864-11	s CONDUCTOR, CHIP (1608)
R460	1-216-864-11	s CONDUCTOR, CHIP (1608)
R461	1-216-864-11	s CONDUCTOR, CHIP (1608)
R462	1-220-149-11	s RESISTOR,CHIP 2.2 1/2W (4532)
R463	1-216-827-11	s RESISTOR, CHIP 3.3K 1/16W 1608
R464	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R465	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R466	1-218-857-11	s RESISTOR,CHIP 2.7K 1/16W(1608)
R467	1-218-837-11	s RESISTOR,CHIP 390 1/16W (1608)
R468	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R469	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R470	1-216-821-11	s RESISTOR,CHIP 1.0K 1/16W(1608)
R471	1-216-819-11	s RESISTOR,CHIP 680 1/16W 1608
R472	1-220-149-11	s RESISTOR,CHIP 2.2 1/2W (4532)
R501	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R504	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R505	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R506	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R507	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R508	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R509	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)

(VPR-74 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R510	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R511	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R512	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R513	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R514	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R515	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R516	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R517	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R518	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R519	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R607	1-216-296-00	s CONDUCTOR, CHIP (3216)
R608	1-216-296-00	s CONDUCTOR, CHIP (3216)
R609	1-216-296-00	s CONDUCTOR, CHIP (3216)
R610	1-216-296-00	s CONDUCTOR, CHIP (3216)
R613	1-216-857-11	s RESISTOR,CHIP 1M 1/16W(1608)
R614	1-216-815-11	s RESISTOR,CHIP 330 1/16W 1608
R619	1-216-864-11	s CONDUCTOR, CHIP (1608)
R624	1-216-864-11	s CONDUCTOR, CHIP (1608)
R703	1-216-864-11	s CONDUCTOR, CHIP (1608)
R708	1-216-864-11	s CONDUCTOR, CHIP (1608)
R711	1-216-864-11	s CONDUCTOR, CHIP (1608)
R801	1-216-813-11	s RESISTOR, CHIP 220 1/16W 1608
R901	1-216-864-11	s CONDUCTOR, CHIP (1608)
R904	1-216-864-11	s CONDUCTOR, CHIP (1608)
R905	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R906	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R907	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R908	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R909	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R910	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R911	1-216-833-11	s RESISTOR,CHIP 10K 1/16W (1608)
R912	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R913	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R914	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R915	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R916	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R917	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R918	1-216-803-11	s RESISTOR,CHIP 33 1/16W (1608)
R919	1-216-864-11	s CONDUCTOR, CHIP (1608)
R920	1-216-864-11	s CONDUCTOR, CHIP (1608)
R921	1-216-864-11	s CONDUCTOR, CHIP (1608)
R922	1-216-864-11	s CONDUCTOR, CHIP (1608)
R923	1-216-864-11	s CONDUCTOR, CHIP (1608)
R924	1-216-864-11	s CONDUCTOR, CHIP (1608)
R925	1-216-864-11	s CONDUCTOR, CHIP (1608)
R927	1-216-864-11	s CONDUCTOR, CHIP (1608)
R929	1-216-864-11	s CONDUCTOR, CHIP (1608)
R931	1-216-864-11	s CONDUCTOR, CHIP (1608)
R933	1-216-864-11	s CONDUCTOR, CHIP (1608)
R935	1-216-864-11	s CONDUCTOR, CHIP (1608)
R937	1-216-864-11	s CONDUCTOR, CHIP (1608)
R1004	1-216-864-11	s CONDUCTOR, CHIP (1608)
R1010	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R1011	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R1012	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R1013	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R1014	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R1015	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608
R1016	1-216-797-11	s RESISTOR,CHIP 10 1/16W 1608

7-4. Frame List

(VPR-74 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
TP601	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP602	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP603	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP604	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP606	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP607	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP623	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP625	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP627	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP633	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP634	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP635	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP701	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP702	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP703	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP704	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP705	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP706	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP707	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP708	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP901	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP902	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP903	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP904	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP905	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP906	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP907	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP908	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP909	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP910	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP911	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP912	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1001	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1002	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1003	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1004	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1005	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1006	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1007	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1008	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1011	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1014	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1018	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X201	1-567-504-11	s	OSCILLATOR, CRYSTAL (4.433619MH)
X202	1-567-505-11	s	CRYSTAL OSCILLATOR 3.579545
X203	1-760-593-21	s	VIBRATOR, CERAMIC
X401	1-795-450-21	s	VIBRATOR, CRYSTAL
X403	1-795-452-21	s	VIBRATOR, CRYSTAL
X404	1-760-193-11	s	VIBRATOR, CRYSTAL 14.1875MHZ
X501	1-767-559-11	s	VIBRATOR, CRYSTAL
X601	1-795-451-11	s	VIBRATOR, CRYSTAL
X1001	1-760-528-11	s	OSCILLATOR, CRYSTAL

FRAME

*J1:[UP-21MD(J), UP21MDS(J)]
 *J2:[YP-22MD(J)]
 *UC:[UP-21MD(UC)]
 *CE:[UP-21MD(CE)]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	Δ 1-251-373-11	s	INLET, AC
1pc	Δ 1-468-611-11	s	REGULATOR, SWITCHING
1pc	1-763-158-31	s	D.C.FAN
1pc	1-823-441-11	o	CABLE, FLEXIBLE FLAT (15 CORE)
1pc	1-823-442-11	o	CABLE, FLEXIBLE FLAT (22 CORE)
1pc	1-823-443-11	o	CABLE, FLEXIBLE FLAT (16 CORE)
1pc	1-823-444-11	o	CABLE, FLEXIBLE FLAT (20 CORE)
1pc	1-823-445-11	o	CABLE, FLEXIBLE FLAT (28 CORE)
1pc	1-823-446-11	o	CABLE, FLEXIBLE FLAT (30 CORE)
2pcs	1-823-447-11	o	CABLE, FLEXIBLE FLAT (20 CORE)
HN001	1-961-224-11	o	HARNESS, SUB (WIRE, GROUND) (TO AC INLET)
HN002	1-961-423-11	o	HARNESS, SUB (POWER-VPR) (TO CN203/SWITCHING REGULATOR) (TO CN601/VPR-74 BOARD)
HN003	1-961-424-11	o	HARNESS, SUB (POWER-MEC) (TO CN202/SWITCHING REGULATOR) (TO CN201/MEC-15 BOARD)
HN004	1-961-425-11	o	HARNESS, SUB (KEY-SENS) (TO CN302/KEY-49 BOARD) (TO CN401/SE-642 BOARD)

7-5. Packing Materials & Supplied Accessories

PACKING MATERIALS & SUPPLIED ACCESSORIES

*J1: [UP-21MD (J)]
 *J2: [UP21MDS (J)]
 *J3: [YP-22MD (J)]
 *UC: [UP-21MD (UC)]
 *CE: [UP-21MD (CE)]

Ref. No.

or Q'ty Part No. SP Description

1pc *J1 A-8279-638-C s ASSY,PAPER TRAY(L)
 1pc *J3 A-8279-638-C s ASSY,PAPER TRAY(L)
 1pc *UC A-8279-638-C s ASSY,PAPER TRAY(L)
 1pc *CE A-8279-638-C s ASSY,PAPER TRAY(L)
 1pc *J2 A-8279-640-D s ASSY,PAPER TRAY(S)

1pc *CE A 1-551-631-00 s POWER-SUPPLY CORD (IEC)

1pc *UC A 1-556-813-22 s CORD, POWER

1pc *J1 A 1-791-041-11 s CORD SET, POWER (3P)
 *J2 A 1-791-041-11 s CORD SET, POWER (3P)
 *J3 A 1-791-041-11 s CORD SET, POWER (3P)

1pc *J1 A 1-793-461-11 o PLUG, CONVERSION (3P-2P)
 *J2 A 1-793-461-11 o PLUG, CONVERSION (3P-2P)
 1pc *J1 3-206-154-01 o MANUAL, INSTRUCTION
 *J2 3-206-154-01 o MANUAL, INSTRUCTION

1pc *CE 3-206-154-11 o MANUAL, INSTRUCTION
 *UC 3-206-154-11 o MANUAL, INSTRUCTION

1pc *UC 3-206-154-21 o MANUAL, INSTRUCTION
 *CE 3-206-154-21 o MANUAL, INSTRUCTION

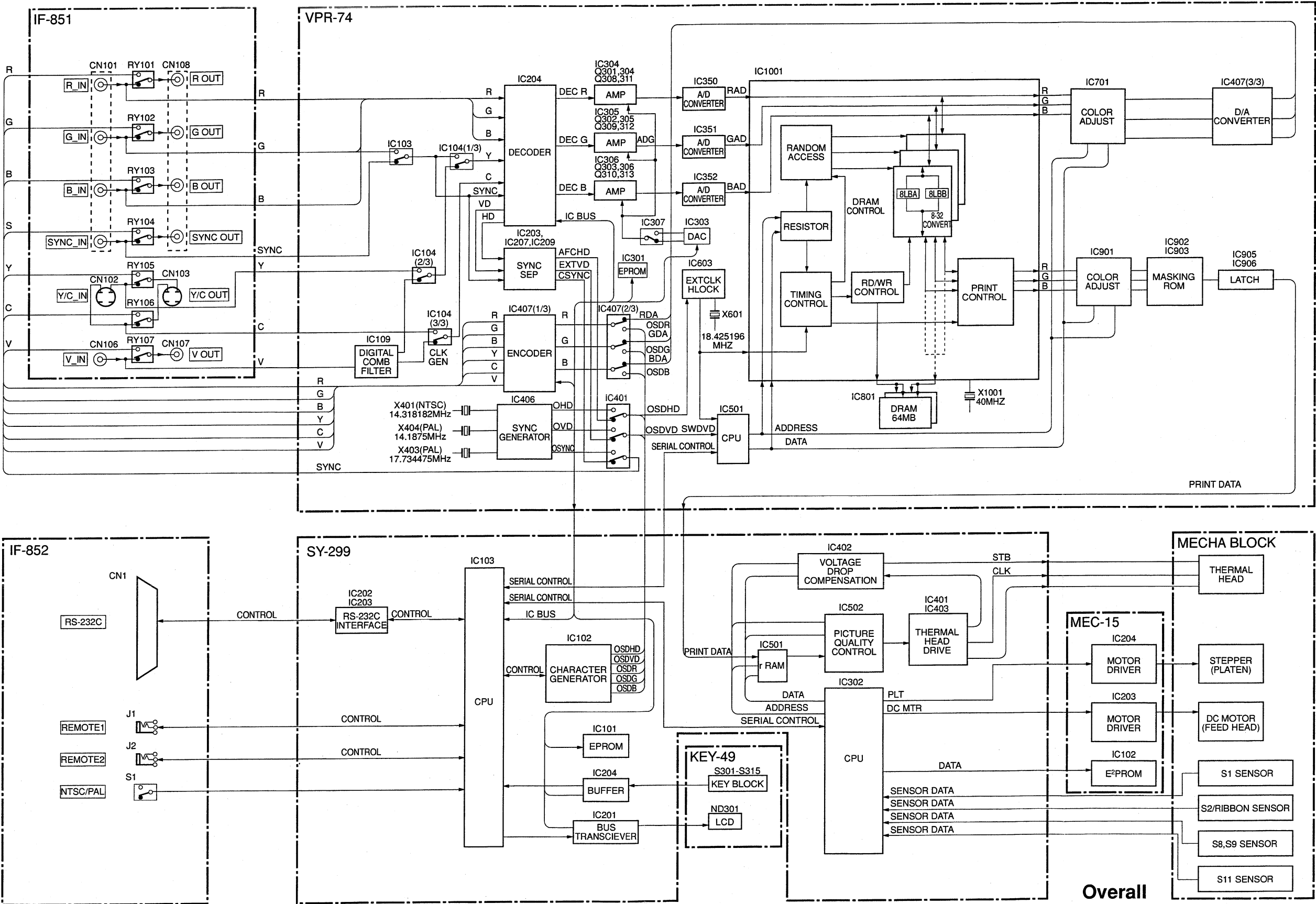
1pc *J3 3-635-637-01 o LABEL,L TRAY CATION
 1pc *J1 3-641-984-01 o PARTITION PLATE

*J3 3-641-984-01 o PARTITION PLATE
 *UC 3-641-984-01 o PARTITION PLATE
 *CE 3-641-984-01 o PARTITION PLATE

1pc *J1 3-641-985-02 s TRAY L,PAPER EJECT
 *J3 3-641-985-02 s TRAY L,PAPER EJECT
 *UC 3-641-985-02 s TRAY L,PAPER EJECT
 *CE 3-641-985-02 s TRAY L,PAPER EJECT

1pc *CE 3-658-943-01 o COMPACT DISC
 2pcs *J2 3-690-985-01 o SHEET,ADHENSIVE

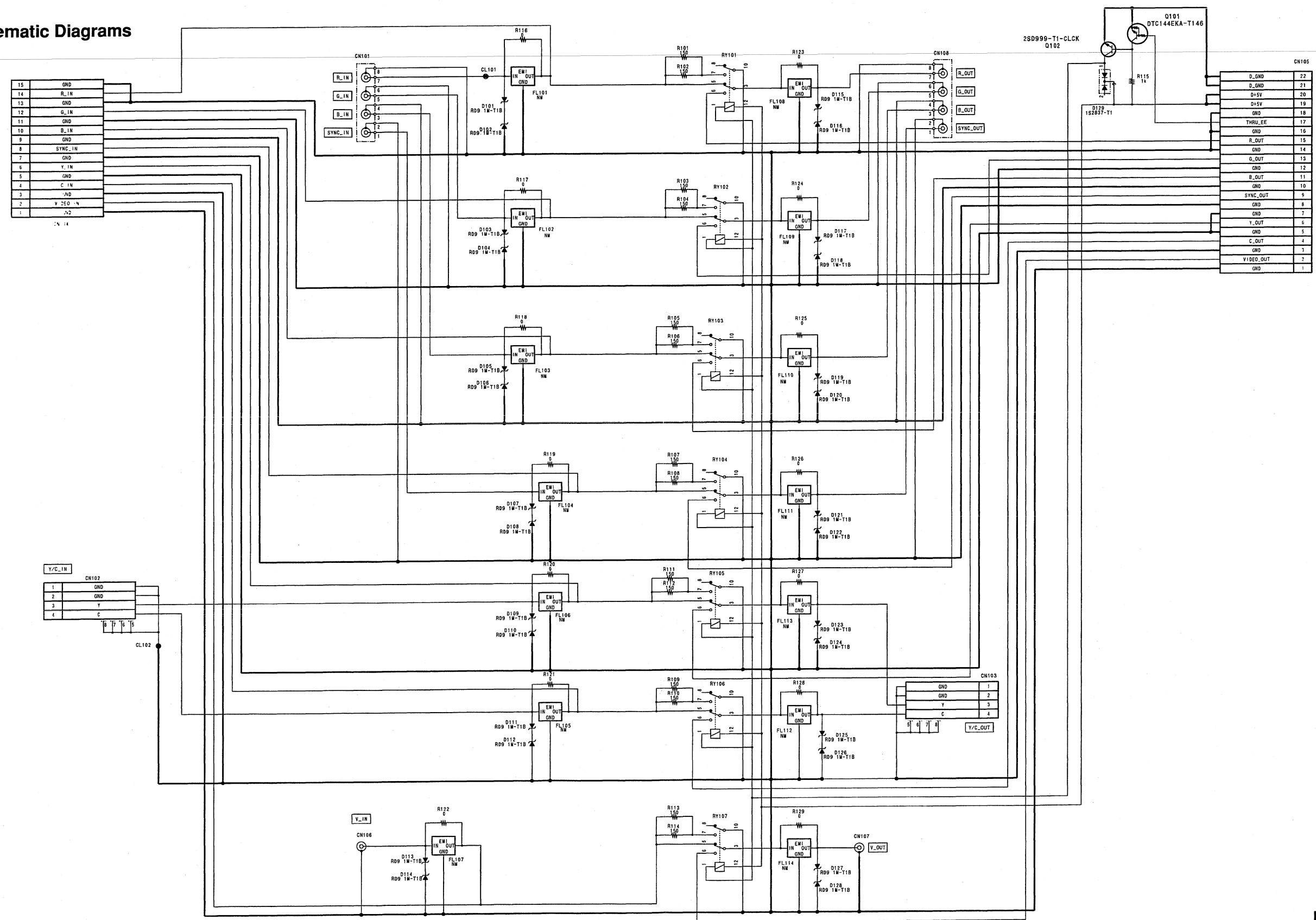
Section 8
Block Diagram



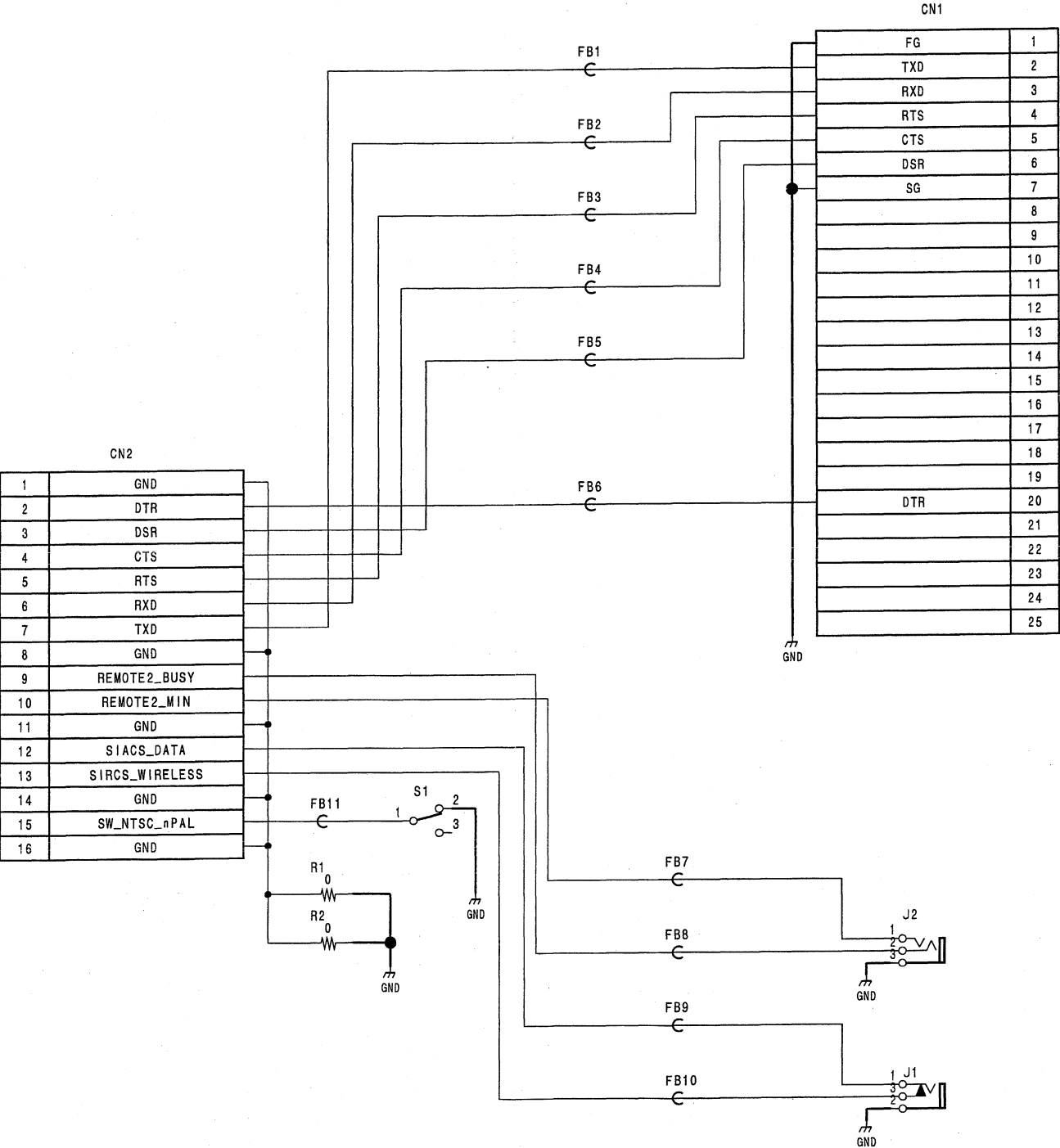
Section 9

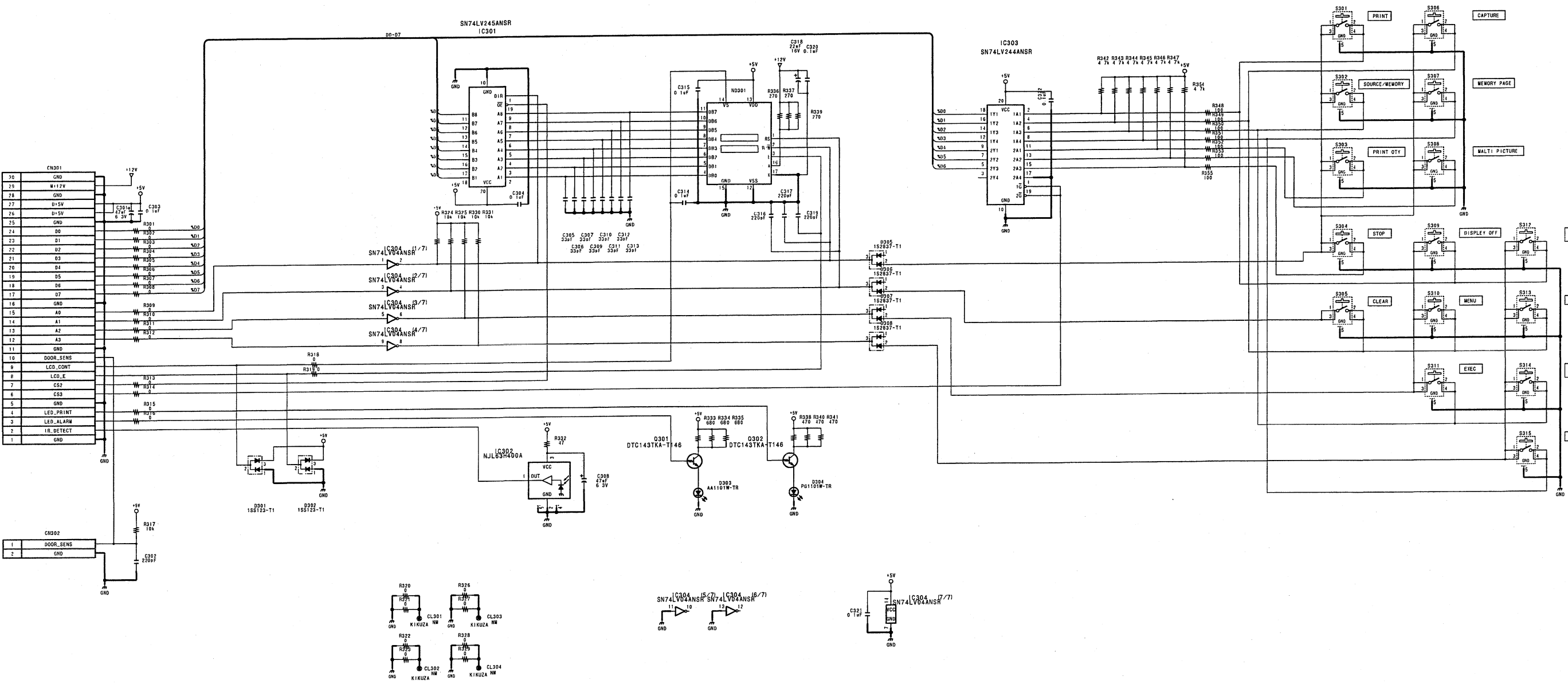
Schematic Diagrams and Board Layouts

9-1. Schematic Diagrams

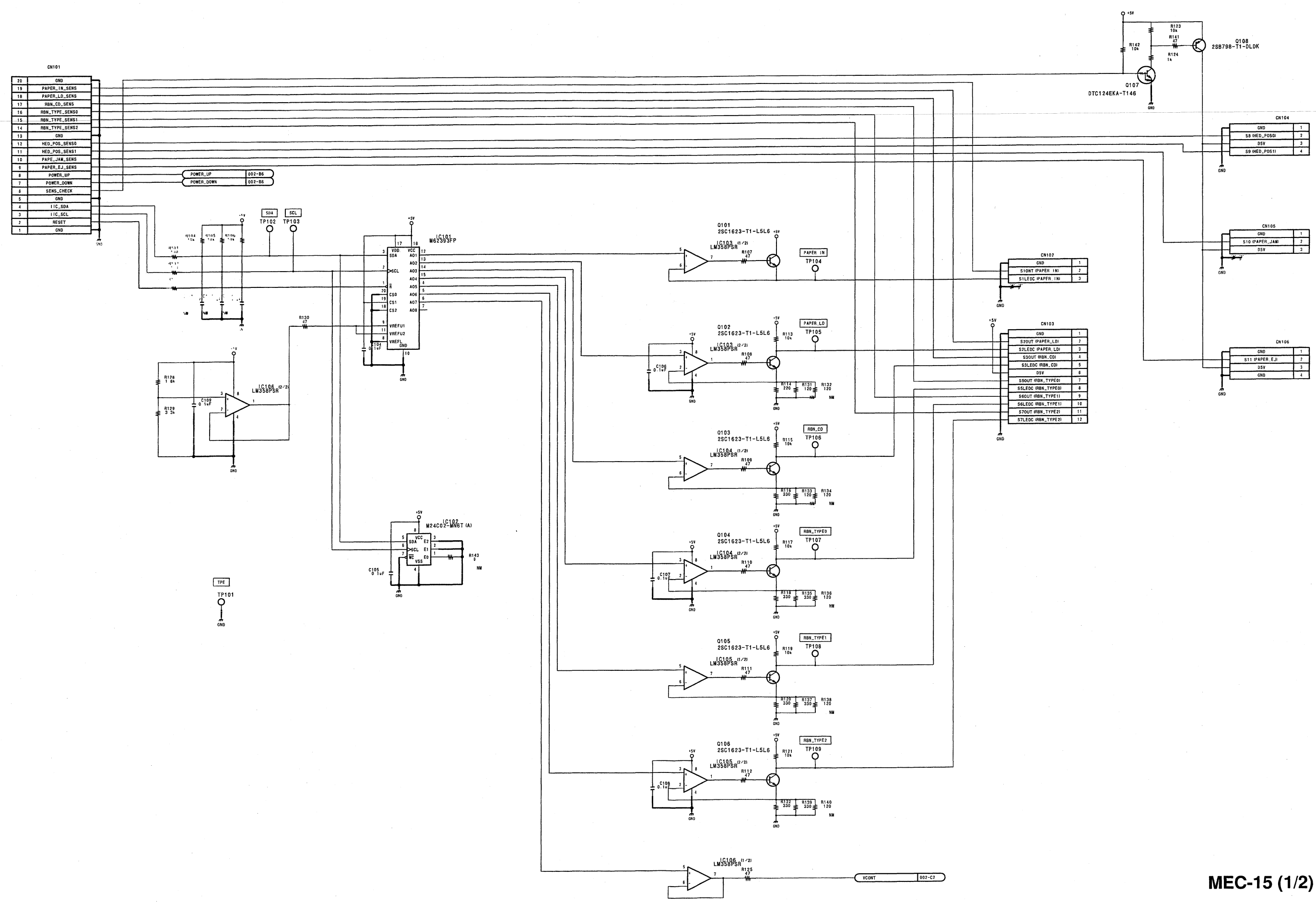


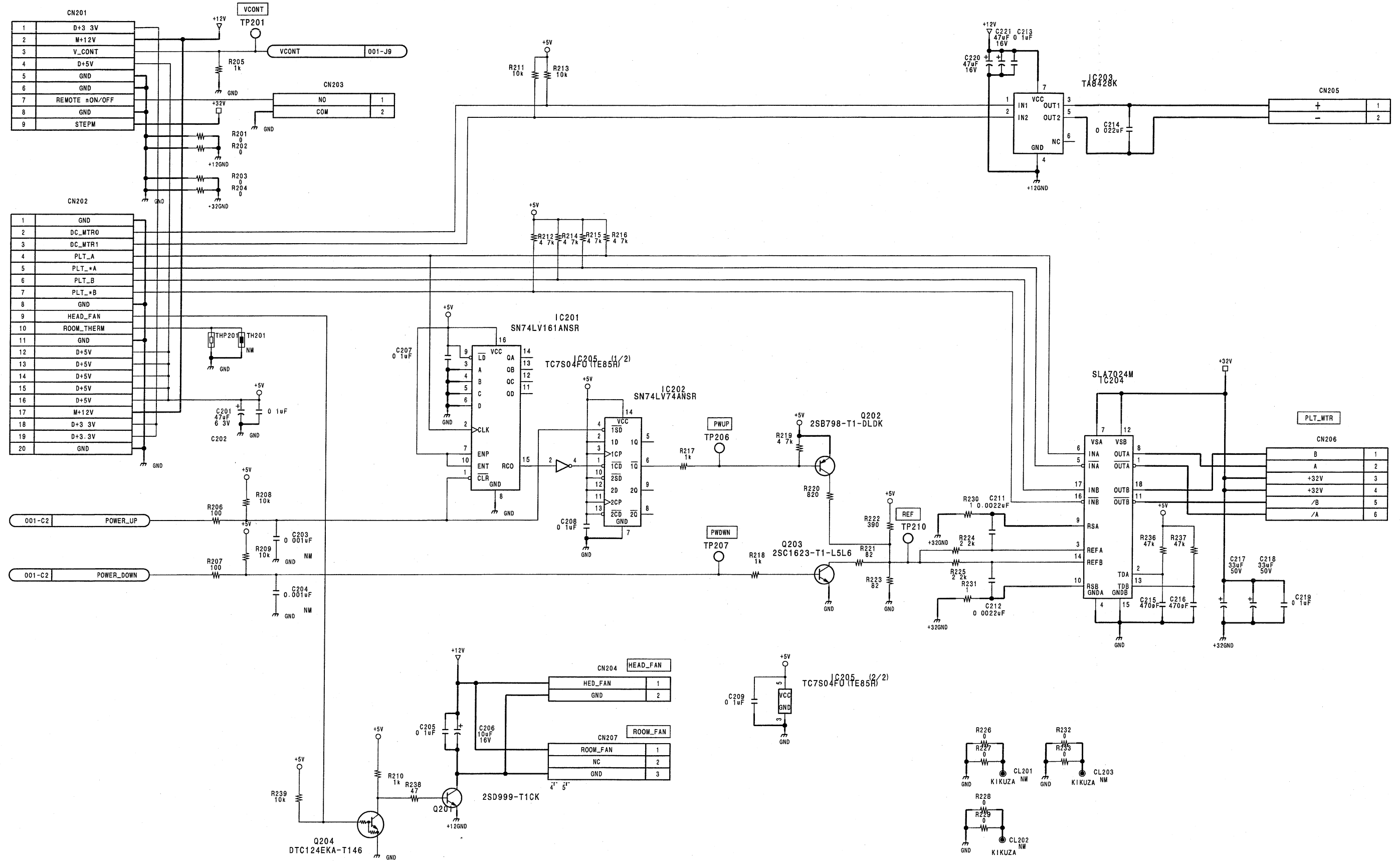
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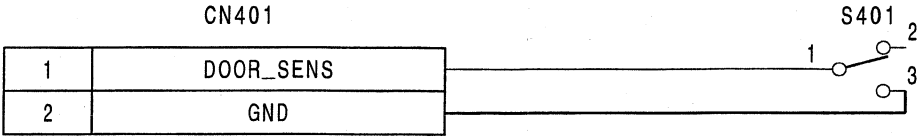




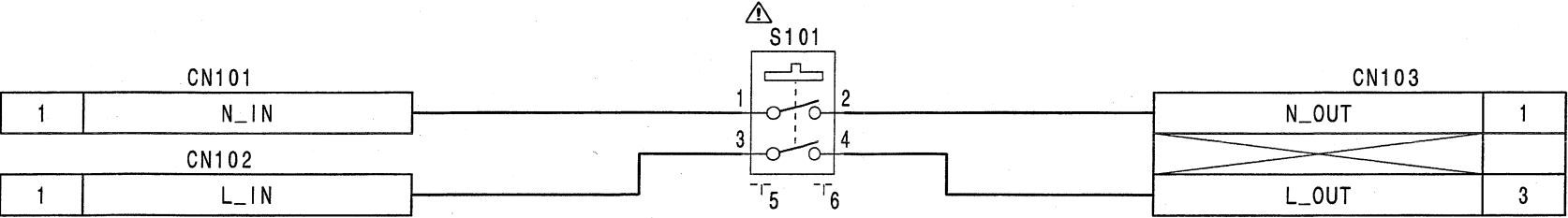
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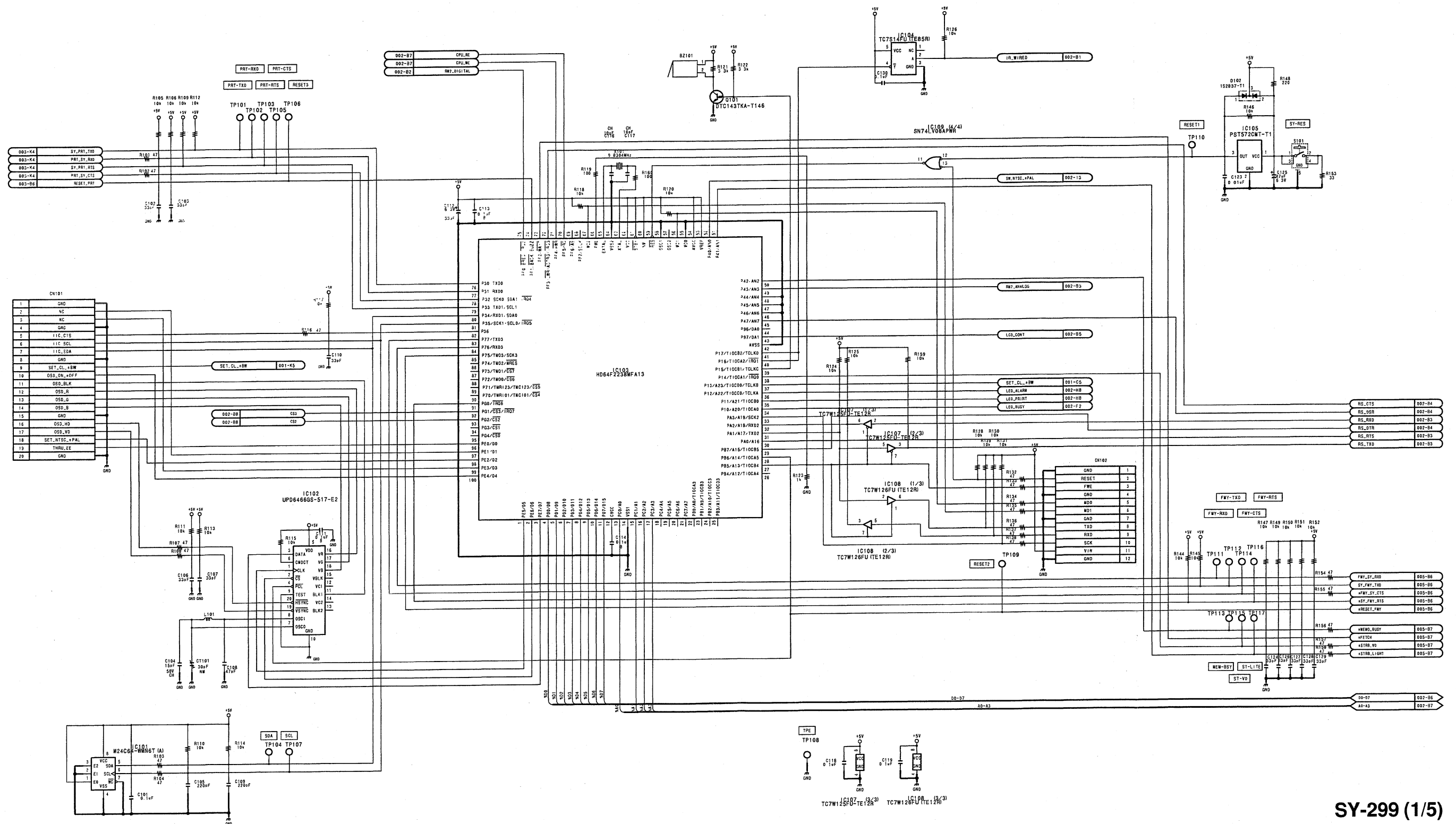




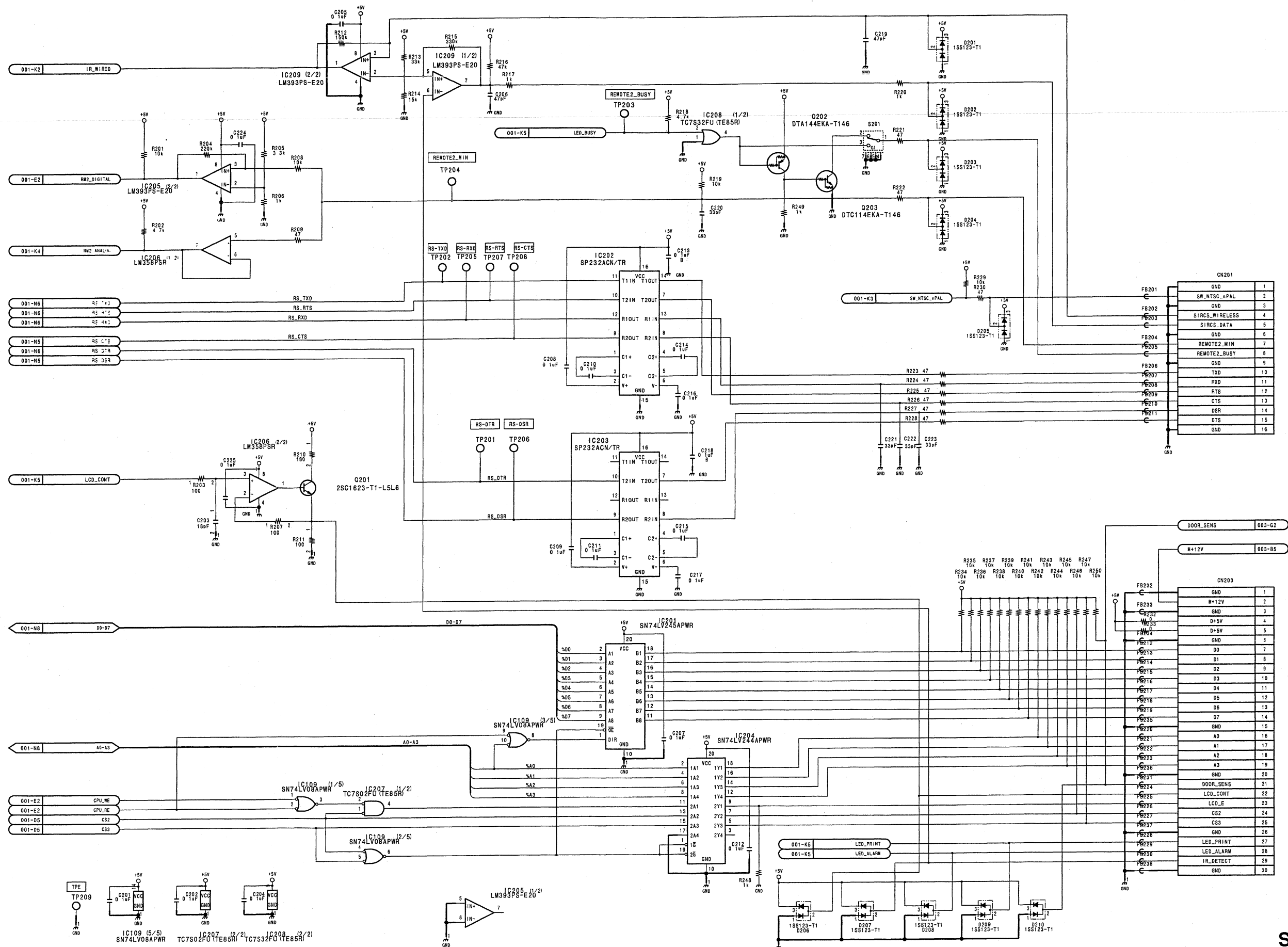
SE-642



SW-1081

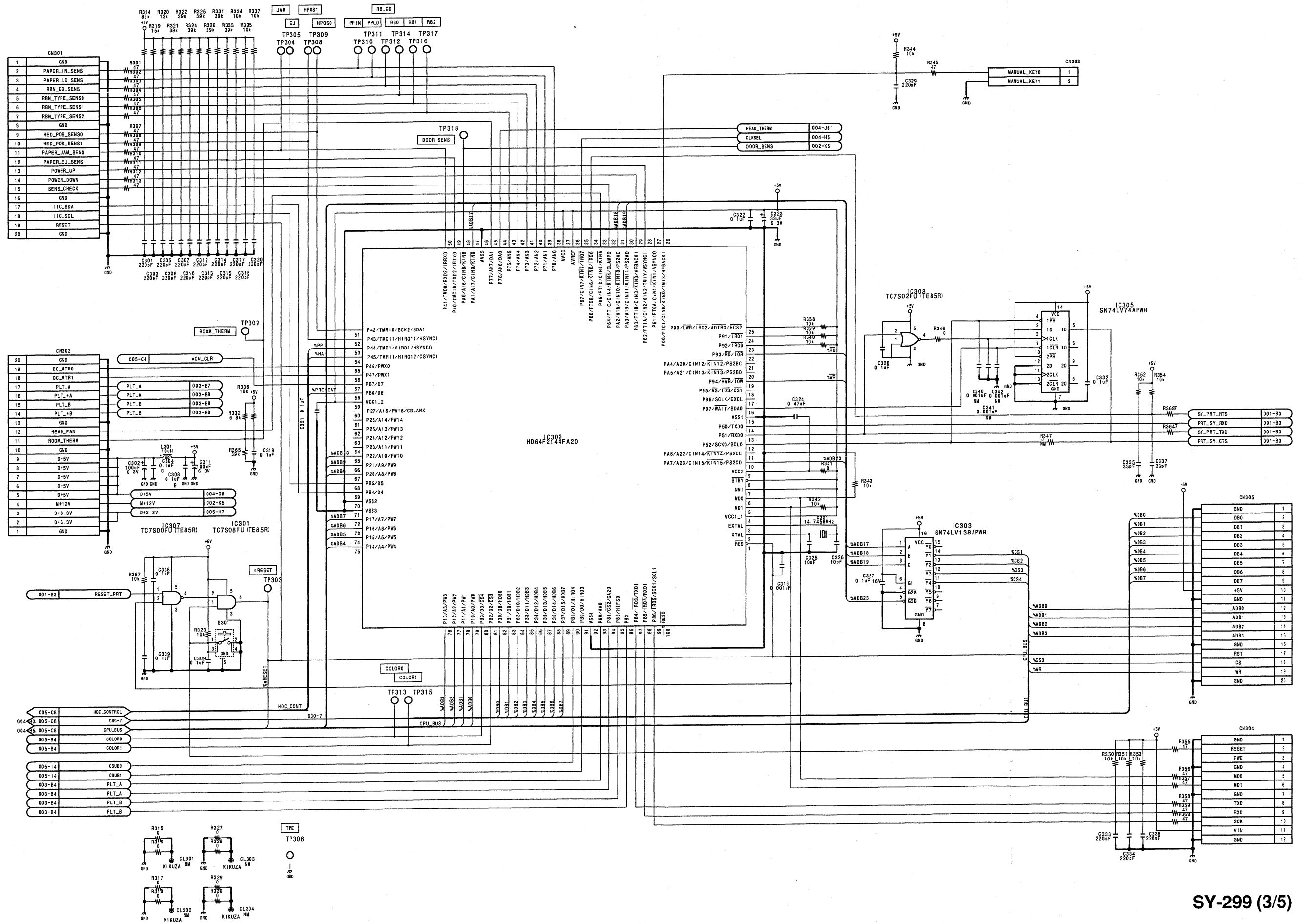


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SY-299 (2/5)

UP-21MD/21MDS/YP-22MD V2



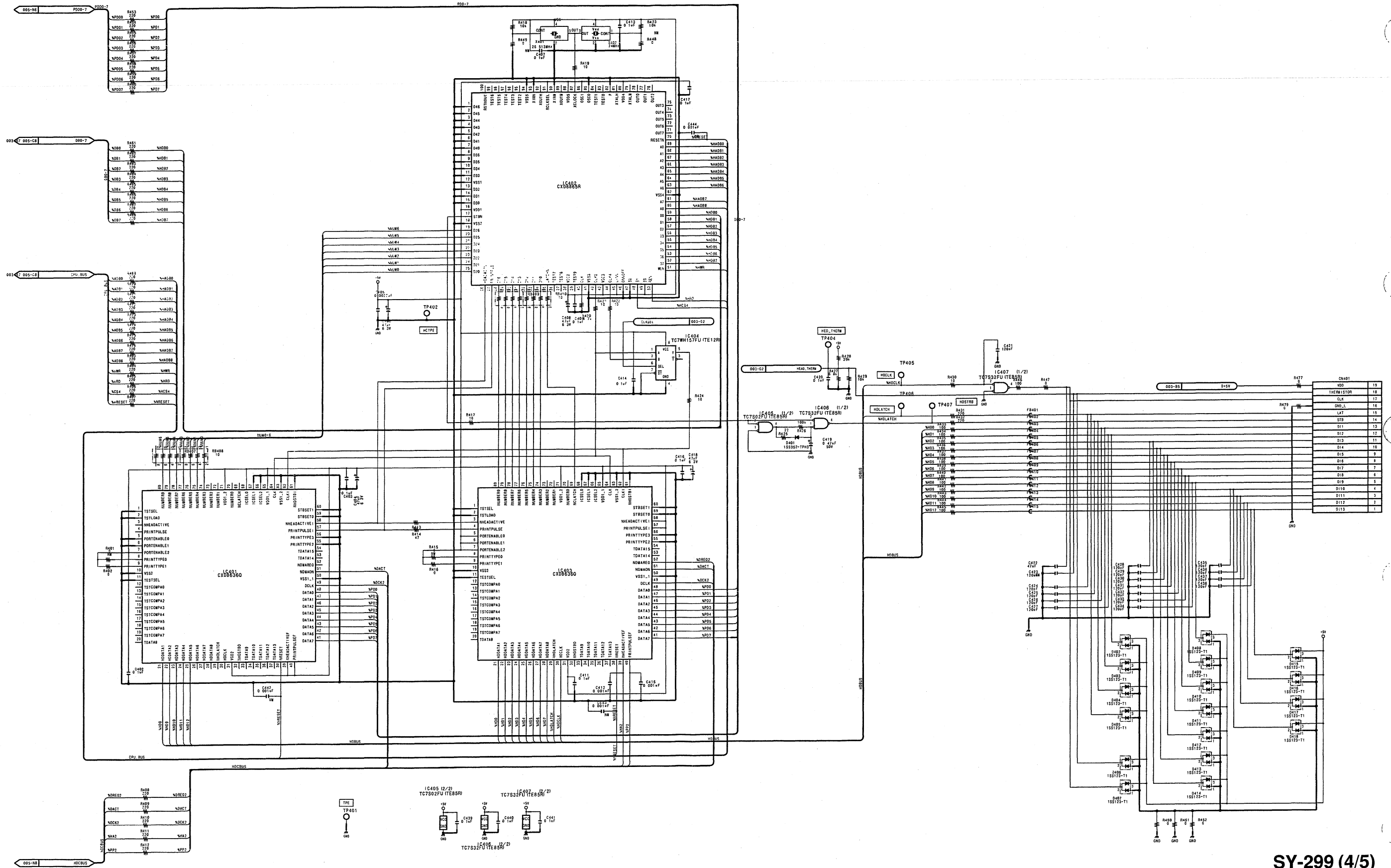
1

2

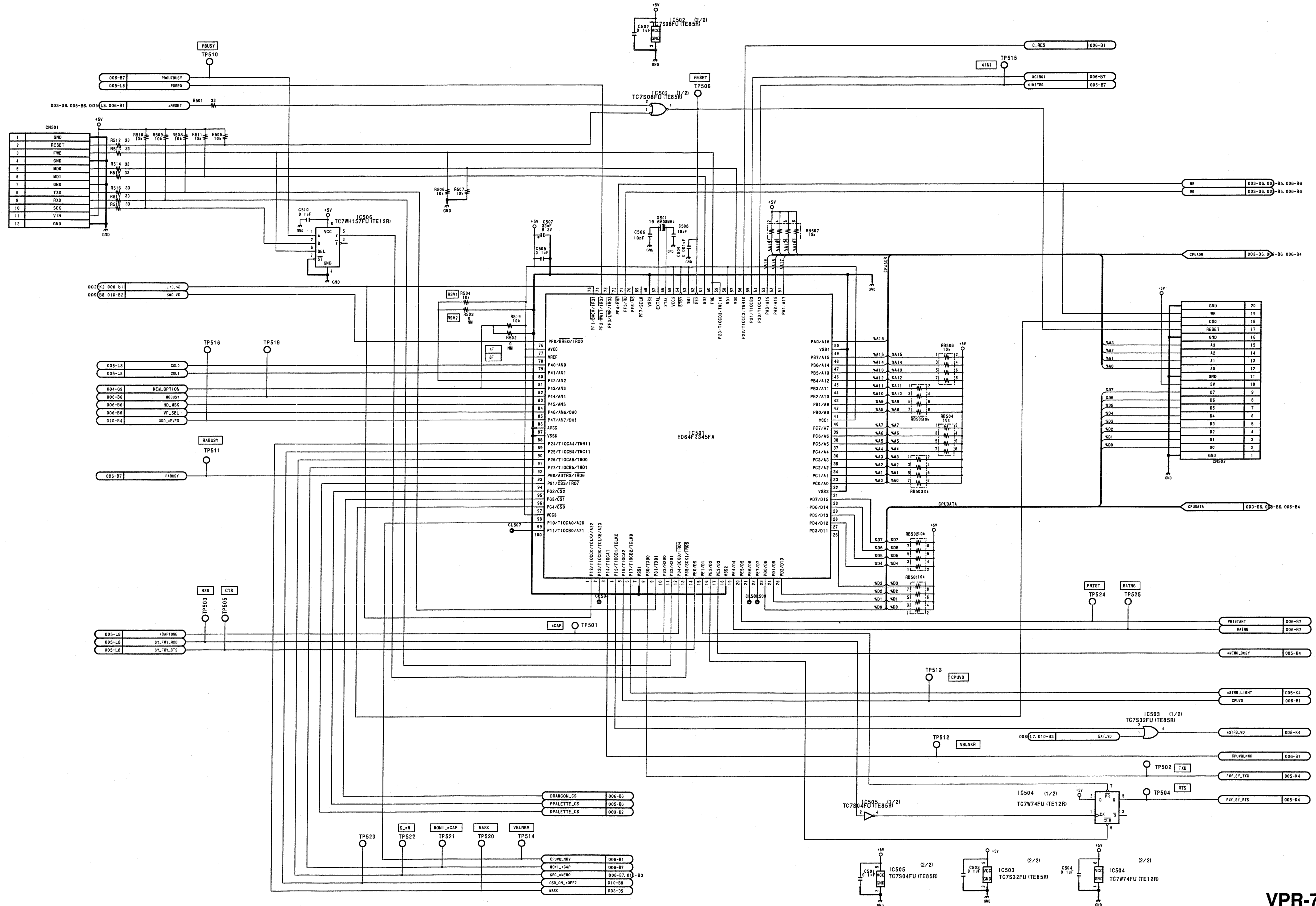
3

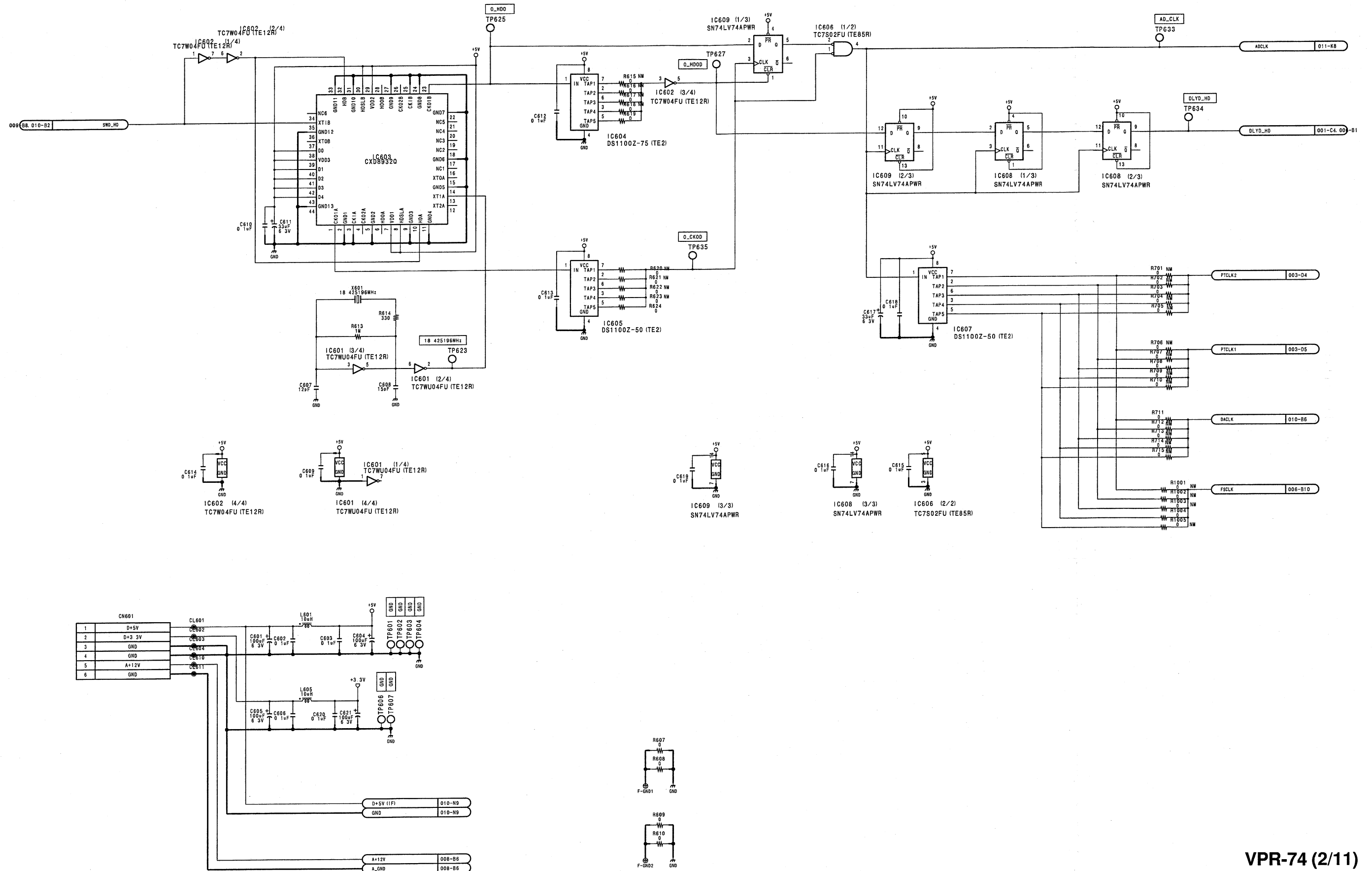
4

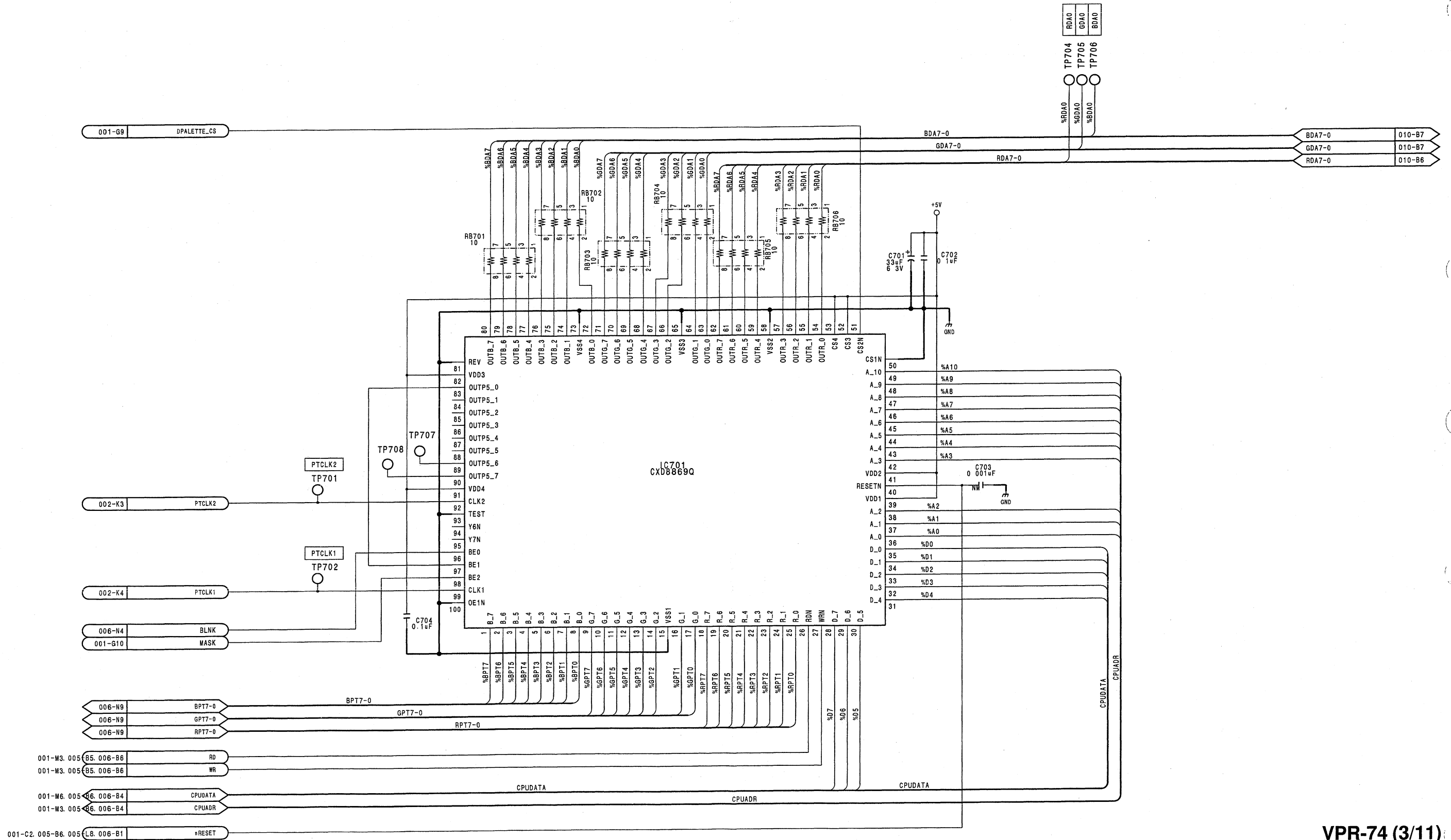
5





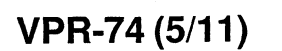


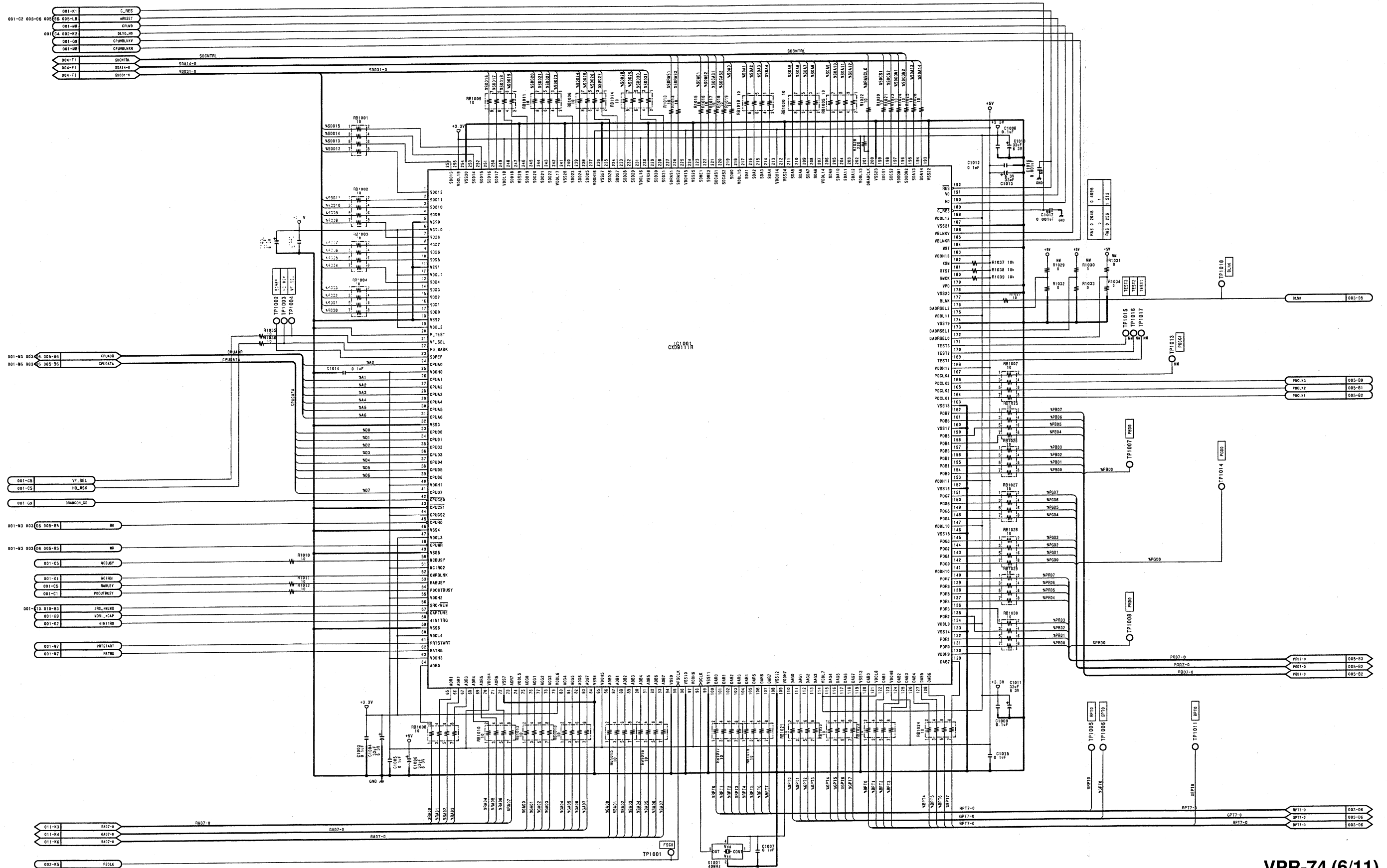




VPR-74 (4/11)







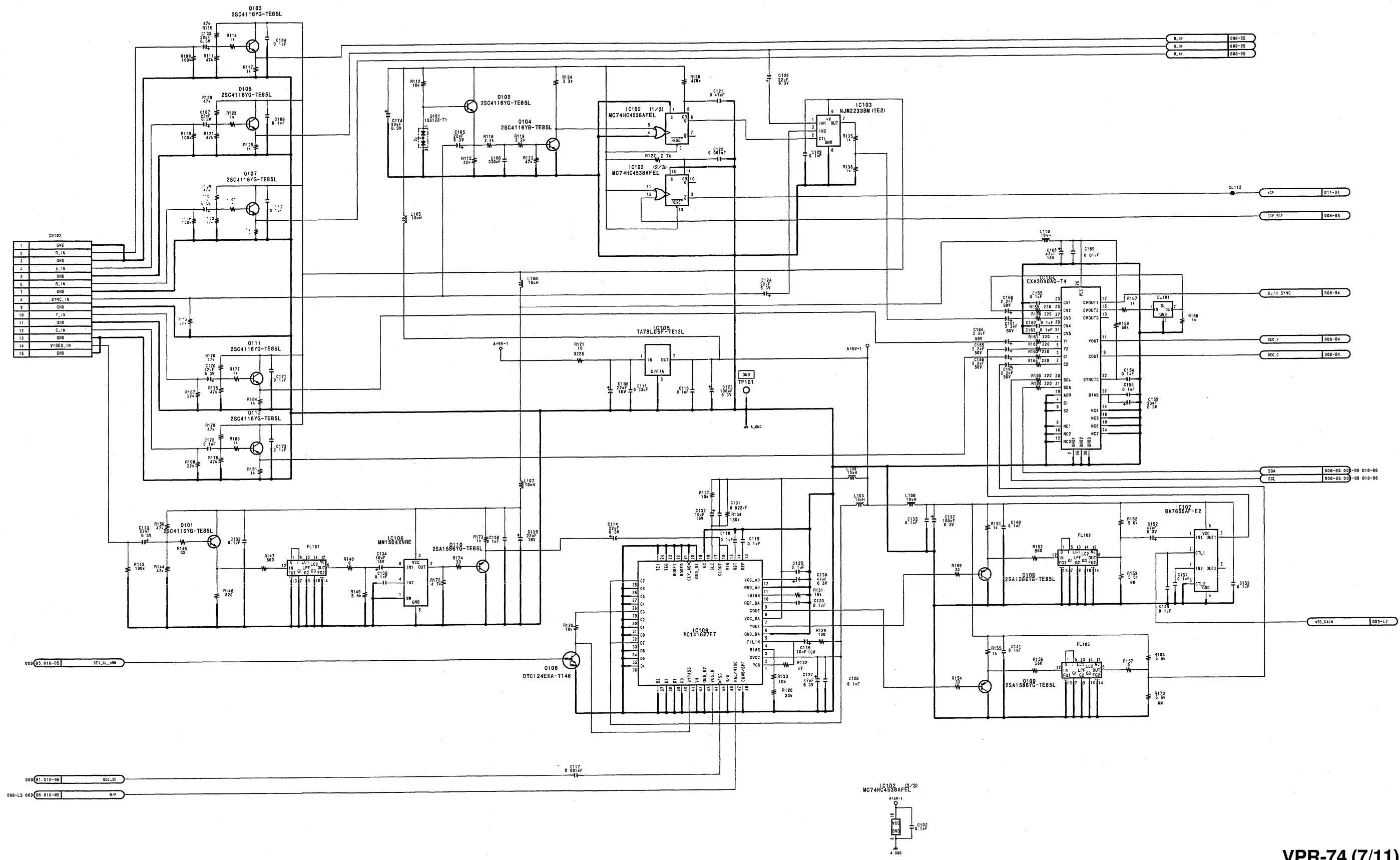
1

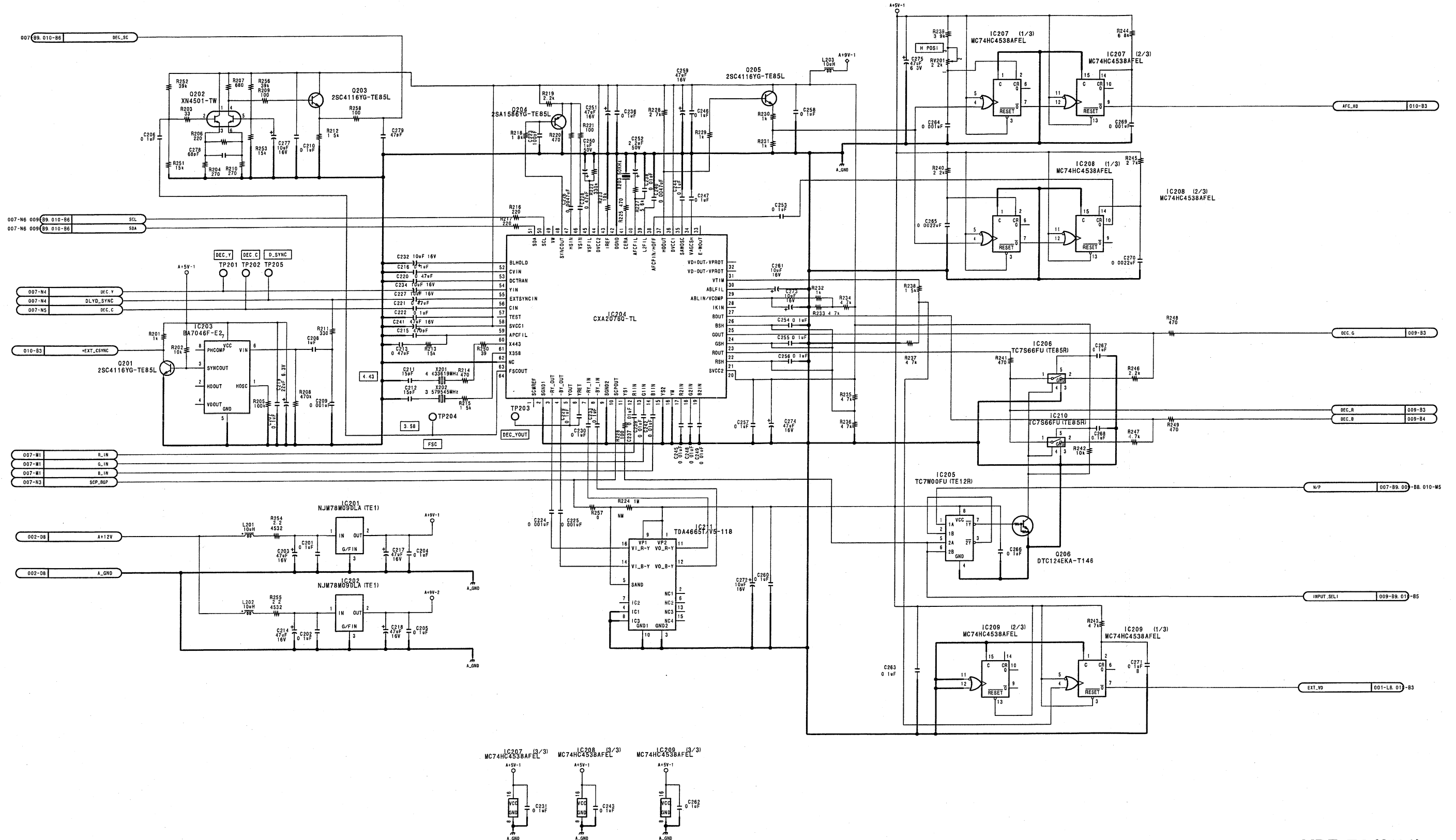
2

3

4

5

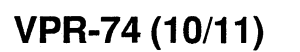




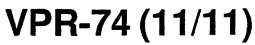
VPR-74 (9/11)



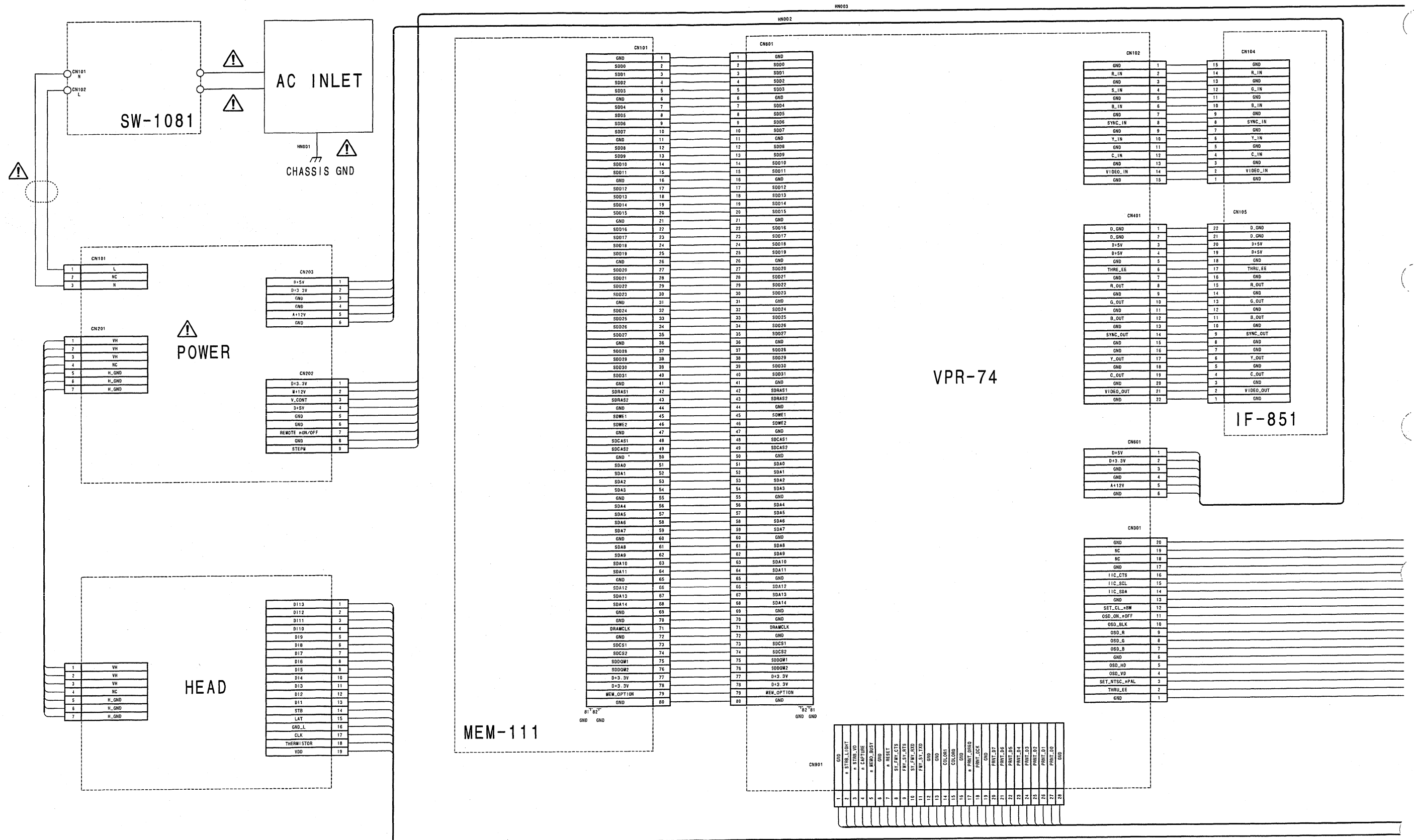
UP-21MD/21MDS/YP-22MD V2



VPR-74 (11/11)



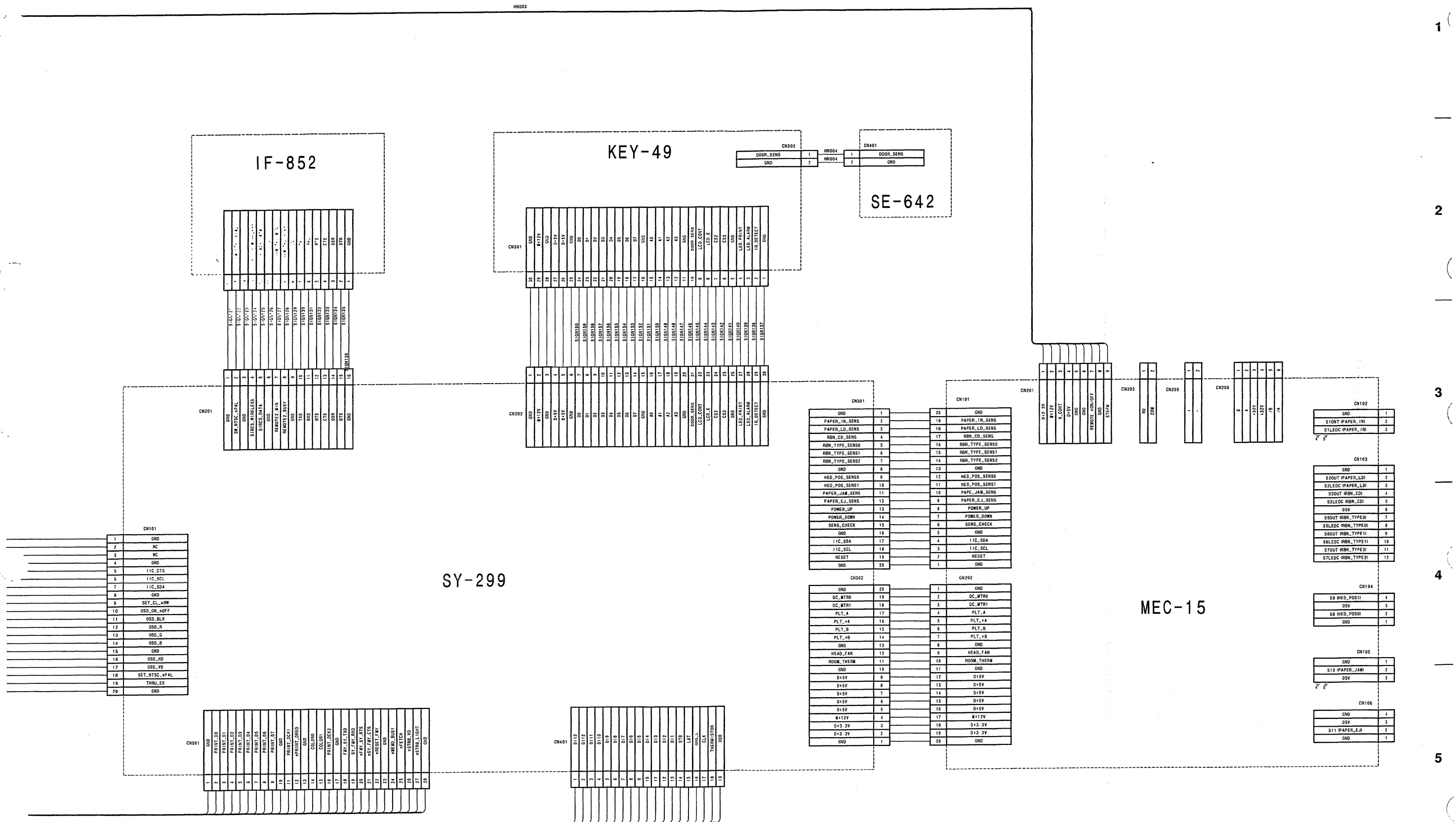
1
2
3
4
5



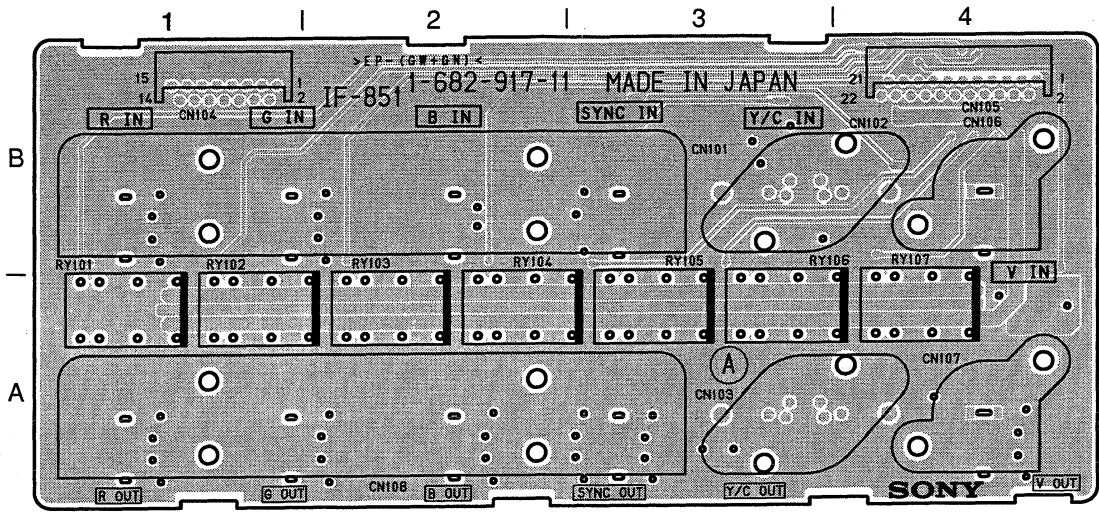
A B C D E F G H

9-24

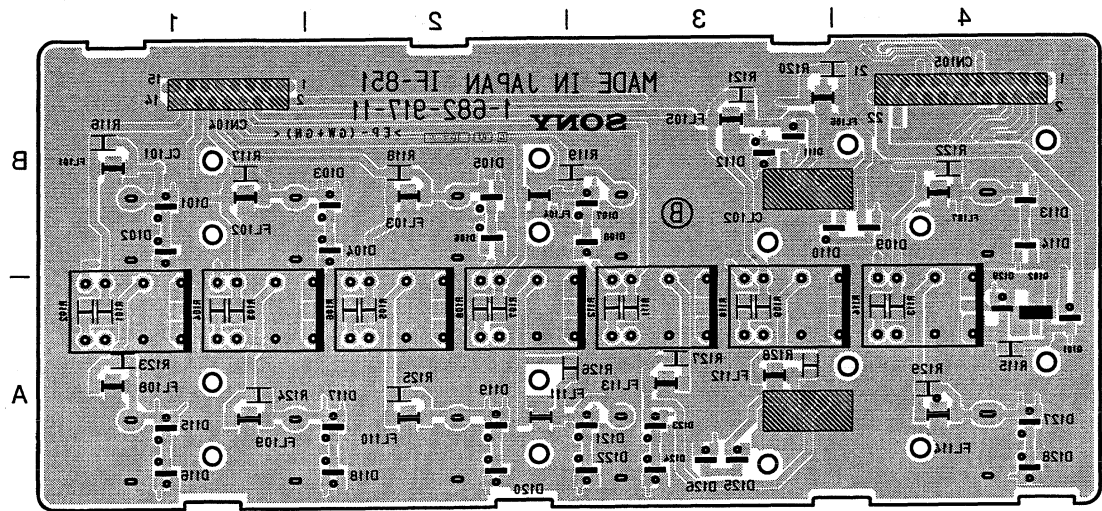
9-24



9-2. Board Layouts



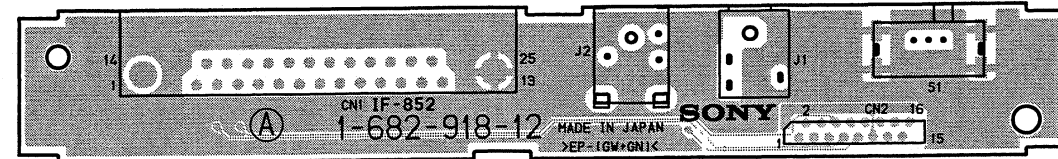
IF-851 -A SIDE-
SUFFIX: -11



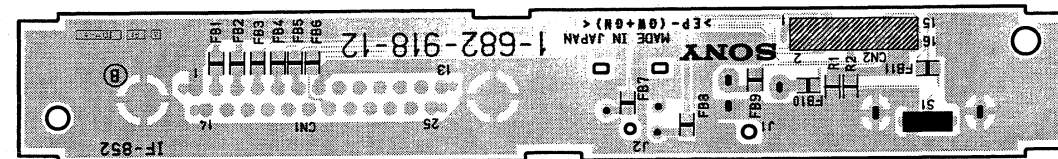
IF-851 -B SIDE-
SUFFIX: -11

IF-851 (1-682-917-11)
*:B SIDE

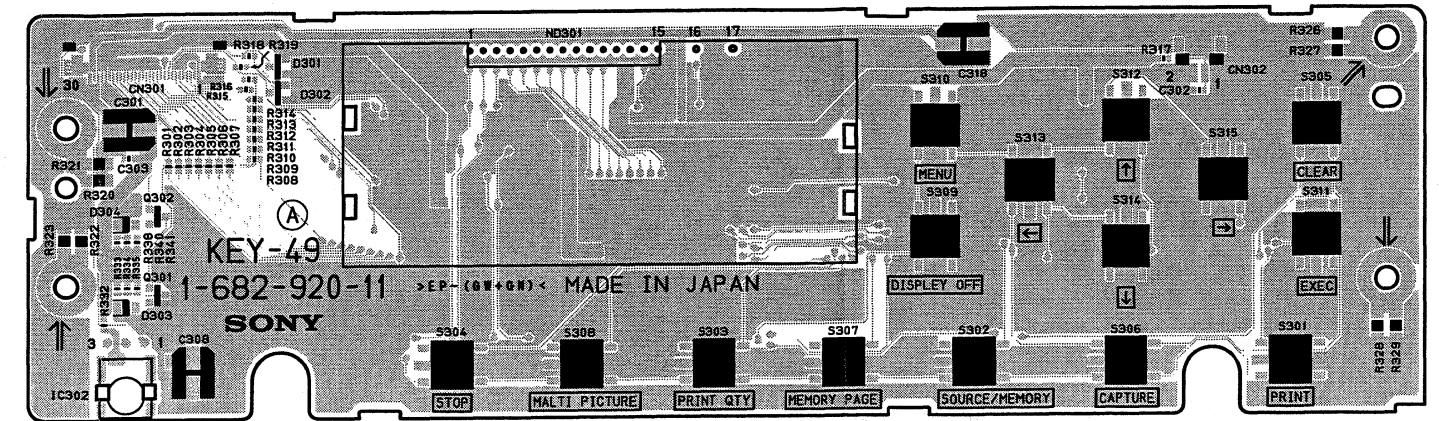
CL101	*B1	D129	*A4	R121	*B3
CL102	*B3			R122	*B4
		FL101	*B1	R123	*A1
CN101	B3	FL102	*B1	R124	*A1
CN102	B3	FL103	*B2	R125	*A2
CN103	A3	FL104	*B2	R126	*A3
CN104	B1	FL105	*B3	R127	*A3
CN105	B4	FL106	*B3	R128	*A3
CN106	B4	FL107	*B4	R129	*A4
CN107	A4	FL108	*A1		
CN108	A3	FL109	*A1	RY101	A1
		FL110	*A2	RY102	A1
D101	*B1	FL111	*A2	RY103	A2
D102	*B1	FL112	*A3	RY104	A2
D103	*B2	FL113	*A3	RY105	A3
D104	*B2	FL114	*A4	RY106	A3
D105	*B2			RY107	A4
D106	*B2	Q101	*A4		
D107	*B3	Q102	*A4		
D108	*B3				
D109	*B4	R101	*A1		
D110	*B4	R102	*A1		
D111	*B3	R103	*A1		
D112	*B3	R104	*A1		
D113	*B4	R105	*A2		
D114	*B4	R106	*A2		
D115	*A1	R107	*A2		
D116	*A1	R108	*A2		
D117	*A2	R109	*A3		
D118	*A2	R110	*A3		
D119	*A2	R111	*A3		
D120	*A2	R112	*A3		
D121	*A3	R113	*A4		
D122	*A3	R114	*A4		
D123	*A3	R115	*A4		
D124	*A3	R116	*B1		
D125	*A3	R117	*B1		
D126	*A3	R118	*B2		
D127	*A4	R119	*B3		
D128	*A4	R120	*B4		



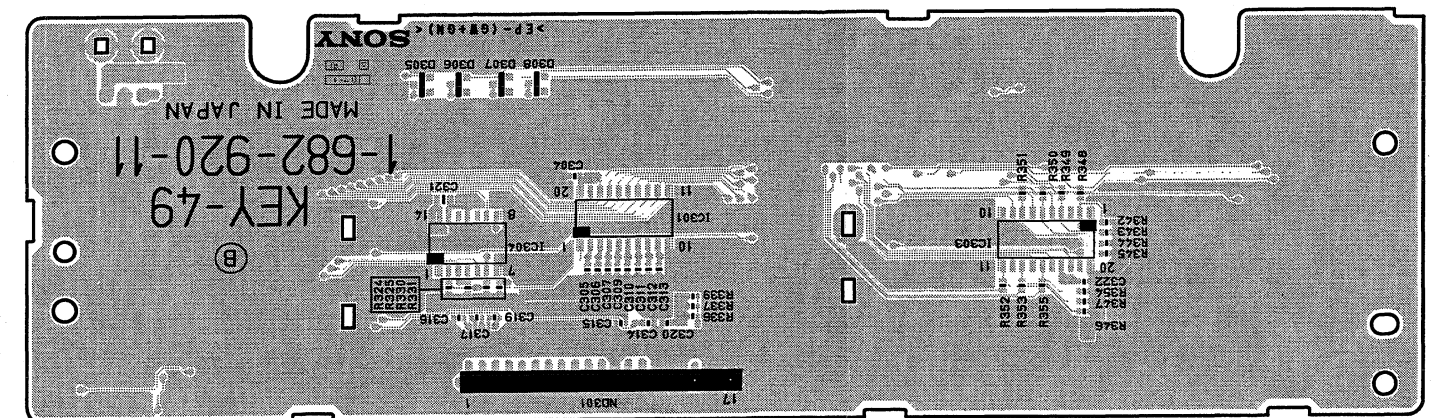
IF-852 - A SIDE-
SUFFIX: -12



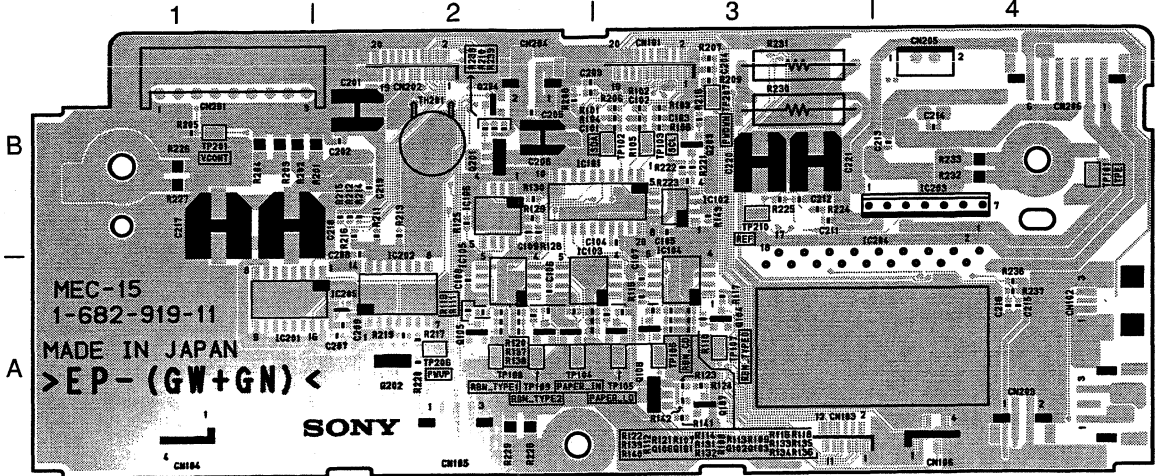
IF-852 - B SIDE-
SUFFIX: -12



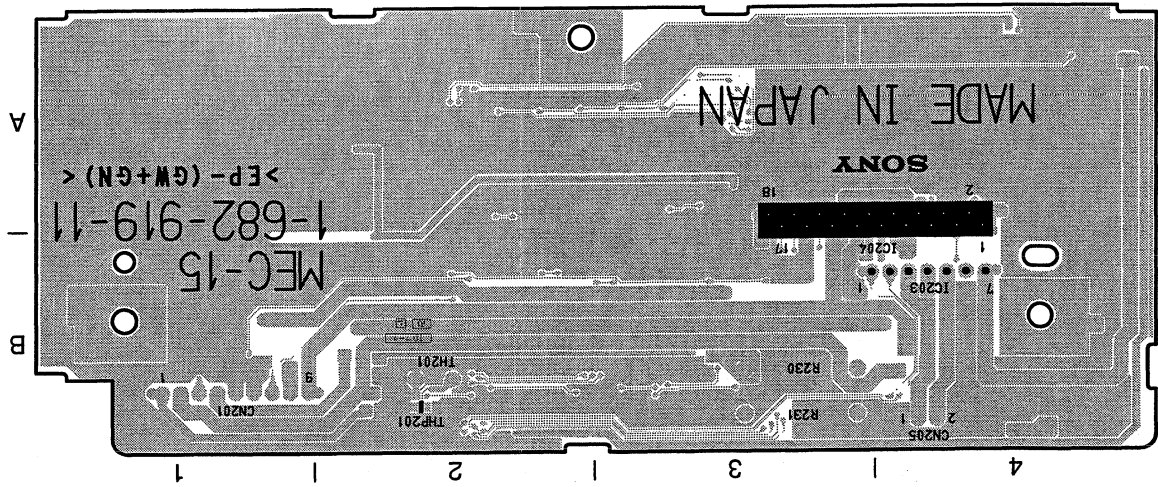
KEY-49 - A SIDE-
SUFFIX: -11



KEY-49 - B SIDE-
SUFFIX: -11



MEC-15 -A SIDE-
SUFFIX: -11

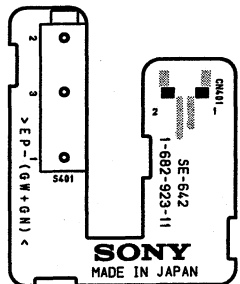


MEC-15 -B SIDE-
SUFFIX: -11

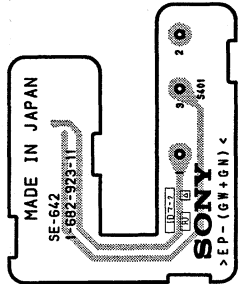
MEC-15 (1-682-919-11)

*:B SIDE

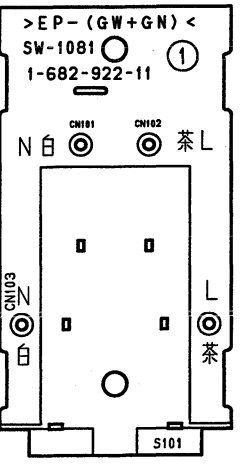
C101	B3	C215	A4	CN205	B4	Q107	A3	R116	A3	R140	A2	R219	A2	THP201	* B2
C102	B3	C216	A4	CN206	B4	Q108	A3	R117	A3	R141	A3	R220	A2	TP101	B4
C103	B3	C217	B1	CN207	A4	Q201	A2	R118	A3	R142	A3	R221	B3	TP102	B3
C104	B3	C218	B1			Q202	A2	R119	A3	R143	B3	R222	B3	TP103	B3
C105	B3	C219	B2	IC101	B3	Q203	B3	R120	A2	R201	B2	R223	B3	TP104	A2
C106	A2	C220	B3	IC102	B3	Q204	B2	R121	A2	R202	B1	R224	B3	TP105	A3
C107	A3	C221	B3	IC103	A2			R122	A2	R203	B1	R225	B3	TP106	A3
C108	A2			IC104	A3	R101	B3	R123	A3	R204	B1	R226	B3	TP107	A3
C109	B2	CL201	B1	IC105	A2	R102	B3	R124	A3	R205	B1	R227	B3	TP108	A2
C201	B2	CL202	A2	IC106	B2	R103	B3	R125	B2	R206	B2	R228	A2	TP109	A2
C202	B2	CL203	B4	IC201	A1	R104	B3	R128	B2	R207	B3	R229	A2	TP201	B1
C203	B2			IC202	A2	R105	B3	R129	B2	R208	B2	R230	B3	TP206	A2
C204	B3	CN101	B3	IC203	B3	R106	B3	R130	B2	R209	B3	R231	B3	TP207	B3
C205	B2	CN102	A4	IC204	A4	R107	A2	R131	A2	R210	B2	R232	B4	TP210	B3
C206	B2	CN103	A3	IC205	A2	R108	A3	R132	A2	R211	B2	R233	B4		
C207	A2	CN104	A1			R109	A3	R133	A3	R212	B2	R236	A4		
C208	A2	CN105	A2	Q101	A2	R110	A3	R134	A3	R213	B2	R237	A4		
C209	A2	CN106	A4	Q102	A3	R111	A2	R135	A3	R214	B2	R238	B2		
C211	B3	CN201	B1	Q103	A3	R112	A2	R136	A3	R215	B2	R239	B2		
C212	B3	CN202	B2	Q104	A3	R113	A3	R137	A2	R216	B2				
C213	B4	CN203	A4	Q105	A2	R114	A2	R138	A2	R217	A2				
C214	B4	CN204	B2	Q106	A2	R115	A3	R139	A2	R218	B3				



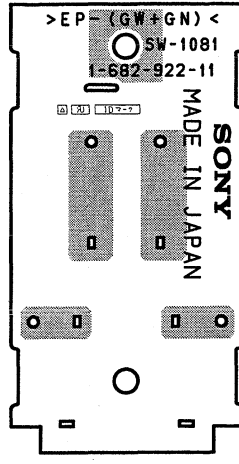
SE-642 -A SIDE-
SUFFIX: -11



SE-642 -B SIDE-
SUFFIX: -11



SW-1081 -A SIDE-
SUFFIX: -11



SW-1081 -B SIDE-
SUFFIX: -11

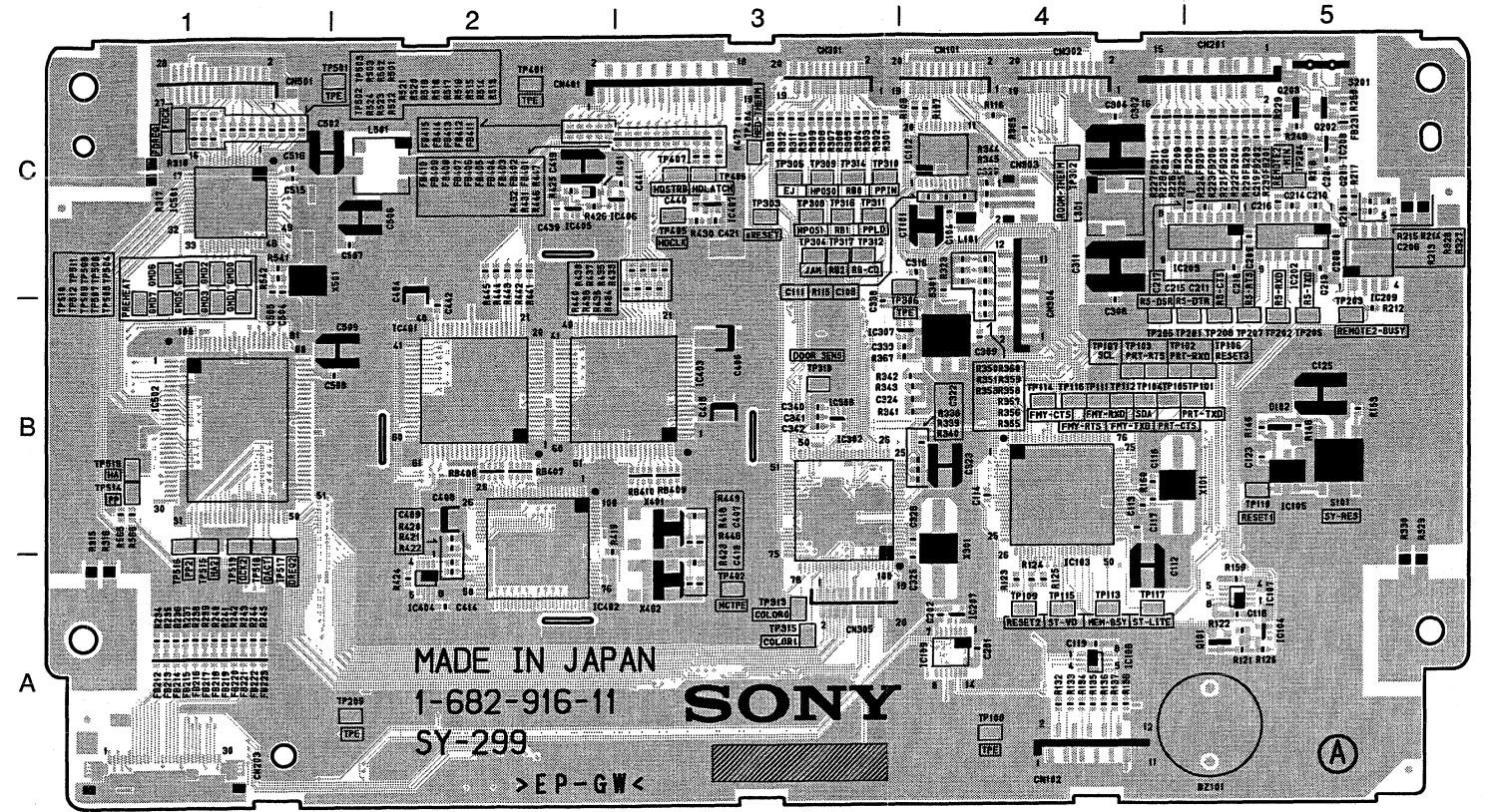
SY-299R (1-682-916-11)

*:B SIDE

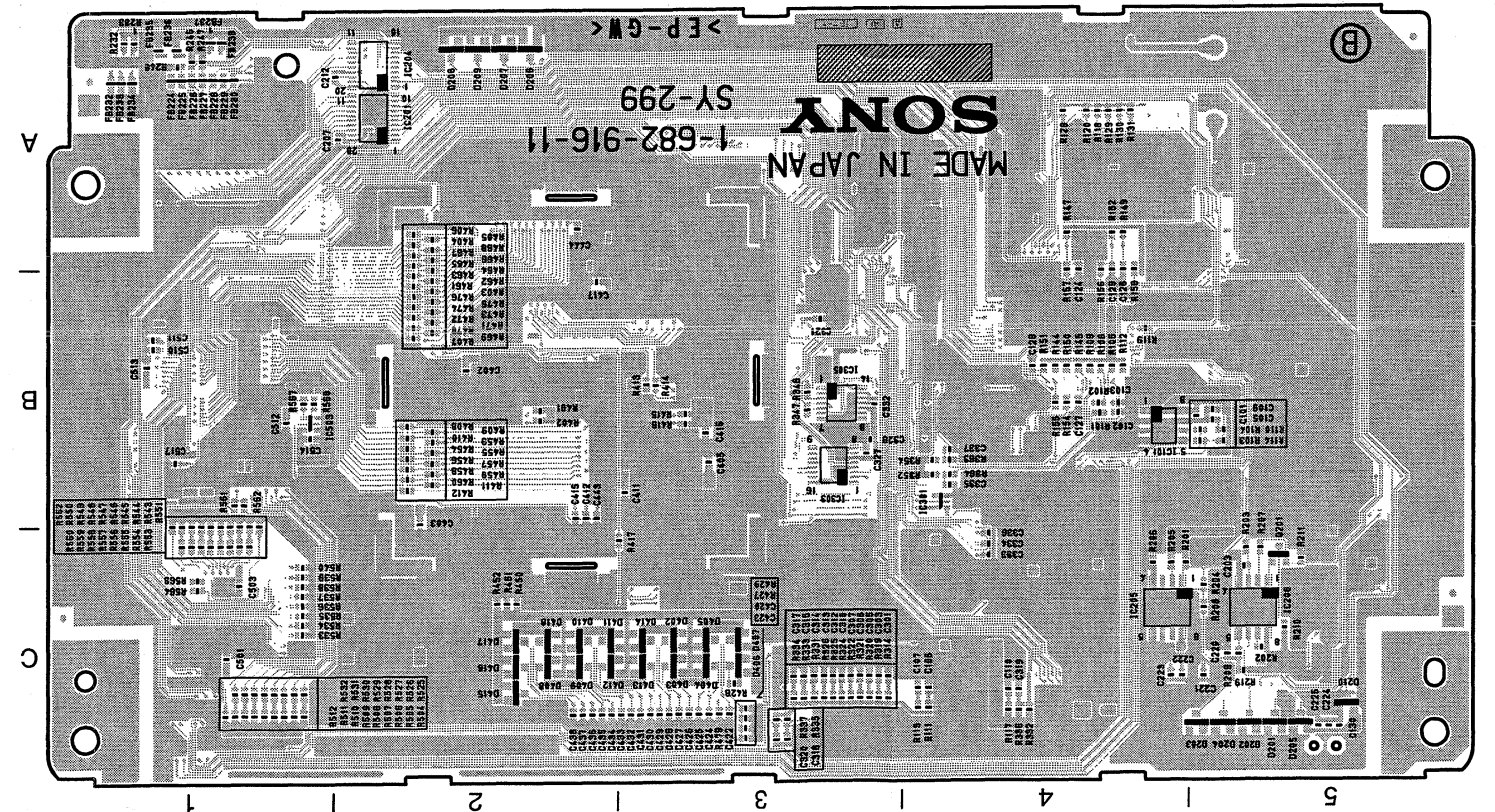
BZ101	A5	C403	*B2	D406	*C3	IC305	*B3	R212	B5	R359	C4	R511	*C1	TP302	C4
C101	*B5	C404	C2	D407	*C3	IC307	B4	R213	C5	R360	C4	R512	*C1	TP303	C3
C102	*B4	C405	*B3	D408	*C2	IC308	B3	R214	C5	R363	*B4	R513	C1	TP304	C3
C103	*B4	C406	B3	D409	*C2	IC401	B2	R215	C5	R364	*B4	R514	C1	TP305	C3
C104	*C4	C407	B3	D410	*C2	IC402	B2	R216	C5	R365	C4	R515	C1	TP306	C4
C105	*B5	C408	B2	D411	*C2	IC403	B3	R217	C5	R367	*B4	R516	C1	TP308	C3
C106	*C4	C409	B2	D412	*C2	IC404	A2	R218	*C5	R401	*B2	R517	C1	TP309	C3
C107	*C4	C411	*B3	D413	*C3	IC405	C2	R219	*C5	R402	*B2	R518	C1	TP310	C3
C108	*C4	C412	*B2	D414	*C3	IC406	C3	R220	C5	R403	*B2	R519	C1	TP311	C3
C109	*B5	C413	A3	D415	*C2	IC407	C3	R221	C5	R404	*A2	R520	C1	TP312	C3
C110	*C4	C414	A2	D416	*C2	IC501	C1	R222	C5	R405	*A2	R521	C1	TP313	A3
C111	*C4	C415	*B2	D417	*C2	IC502	B1	R223	C5	R406	*A2	R522	C1	TP314	C3
C112	A4	C417	*B2	D418	*C2	IC503	*B1	R224	C5	R407	*B2	R523	C1	TP315	A3
C113	B4	C418	B3	FB201	C5	KA001	A1	R225	C5	R408	*B2	R524	C1	TP316	C3
C114	B4	C419	C2	FB202	C5	KA002	C5	R226	C4	R409	*B2	R525	*C1	TP317	C3
C115	B4	C420	*C3	FB203	C5			R227	C4	R410	*B2	R526	*C1	TP318	B3
C116	B4	C421	*C3	FB204	C5	KB001	*A1	R228	C4	R411	*B2	R527	*C1	TP401	C2
C117	B4	C422	*C3	FB205	C5	KB002	*C5	R229	C5	R412	*B2	R528	*C1	TP402	A3
C118	A5	C423	*C3	FB206	C5			R230	C5	R413	*B3	R529	*C1	TP404	C3
C119	A4	C424	*C3	FB207	C5			R231	*A1	R414	*B3	R530	*C1	TP405	C3
C120	B5	C425	*C3	FB208	C5	L101	C4	R232	*A1	R415	*B3	R531	*C1	TP406	C3
C121	*B4	C426	*C3	FB209	C5	L301	C4	R233	A1	R416	*B3	R532	*C1	TP407	C3
C122	*B4	C427	*C3	FB210	C5	L501	C2	R234	A1	R417	*C3	R533	*C1	TP501	C2
C123	*B4	C428	*C3	FB211	C5			R235	A1	R418	B3	R534	*C1	TP502	C1
C124	*B4	C429	*C3	FB212	C5			R236	A1	R419	A2	R535	*C1	TP503	C1
C125	*B4	C430	*C3	FB213	C5			R237	A1	R420	B2	R536	*C1	TP504	C1
C126	*B4	C431	*C3	FB214	C5			R238	A1	R421	A2	R537	*C1	TP505	B1
C127	*B4	C432	*C3	FB215	C5			R239	A1	R422	A2	R538	*C1	TP506	C1
C128	*B4	C433	*C3	FB216	C5			R240	A1	R423	A3	R539	*C1	TP507	B1
C129	*B4	C434	*C3	FB217	C5			R241	A1	R424	A2	R540	*C1	TP508	C1
C130	*C5	C435	*C3	FB218	C5			R242	A1	R425	C2	R541	C1	TP509	B1
C201	A4	C436	*C3	FB219	C5			R243	A1	R426	C2	R542	C1	TP510	B1
C202	*C5	C437	*C3	FB220	C5			R244	A1	R427	*C3	R543	*B1	TP511	C1
C203	*C5	C438	*C3	FB221	C5			R245	*A1	R428	*C3	R544	*B1	TP512	B1
C204	*C5	C439	*C3	FB222	C5			R246	*A1	R429	*C3	R545	*B1	TP513	B1
C205	*C5	C440	*C3	FB223	C5			R247	*A1	R430	C3	R546	*B1	TP514	B1
C206	*C5	C441	*C3	FB224	C5			R248	*A1	R431	C3	R547	*B1	TP515	B1
C207	*C5	C442	*C3	FB225	C5			R249	C5	R432	C3	R548	*B1	TP516	B1
C208	*C5	C443	*C3	FB226	C5			R250	C5	R433	C3	R549	*B1	TP517	B1
C209	*C5	C444	*C3	FB227	C5			R301	C3	R434	C3	R550	*B1	TP518	B1
C210	*C5	C445	*C3	FB228	C5			R302	C3	R435	C3	R551	*B1	TP519	B1
C211	*C5	C446	*C3	FB229	C5			R303	C3	R436	C3	R552	*B1		
C212	*C5	C447	*C3	FB230	C5			R304	C3	R437	C3	R553	*C1	X101	B4
C213	*C5	C448	*C3	FB231	C5			R305	C3	R438	C3	R554	*C1	X301	A4
C214	*C5	C449	*C3	FB232	C5			R306	C3	R439	C3	R555	*C1	X401	B3
C215	*C5	C450	*C3	FB233	C5			R307	C3	R440	C3	R556	*C1	X402	A3
C216	*C5	C451	*C3	FB234	C5			R308	C3	R441	C2	R557	*C1	X501	C1
C217	*C5	C452	*C3	FB235	C5			R309	C3	R442	C2	R558	*C1		
C218	*C5	C453	*C3	FB236	C5			R310	C3	R443	C2	R559	*C1		
C219	*C5	C454	*C3	FB237	C5			R311	C3	R444	C2	R560	*C1		
C220	*C5	C455	*C3	FB238	C5			R312	C3	R445	C2	R561	*B1		
C221	*C5	C456	*C3	FB239	C5			R313	C3	R446	C3	R562	*B1		
C222	*C5	C457	*C3	FB240	C5			R314	C3	R447	C3	R563	*C1		
C223	*C5	C458	*C3	FB241	C5			R315	A1	R448	A3	R564	*C1		
C224	*C5	C459	*C3	FB242	C5			R316	A1	R449	B3	R565	B1		
C225	*C5	C460	*C3	FB243	C5			R317	C1	R450	*C2	R566	B1		
C301	*C3	C513	*B1	FB402	C3	R125	A4	R318	*C3	R451	*C2	R567	*B1		
C302	*C3	C514	*B1	FB403	C3	R126	A5	R319	*C3	R452	*C2	R568	*B1		
C303	*C3	C515	*B1	FB404	C3	R127	A4	R320	*C3	R453	*B2				
C304	*C3	C516	*B1	FB405	C3	R128	A4	R321	*C3	R454	*B2	RB407	B2		
C305	*C3	C517	*B1	FB406	C3	R129	A4	R322	*C3	R455	*B2	RB408	B2		
C306	*C3			FB407	C3	R130	A4	R323	*C3	R456	*B2	RB409	B3		
C307	*C3			FB408	C3	R131	A4	R324	*C3	R457	*B2	RB410	B3		
C308	*C3			FB409	C3	R132	A4	R325	*C3	R458	*B2				
C309	*C3			FB410	C3	R133	A4	R326	*C3	R459	*B2	S101	B5		
C310	*C3			FB411	C2	R134	A4	R327	*C3	R460	*B2	S201	C5		
C311	*C3			FB412	C2	R135	A4	R328	*C3	R461	*B2	S301	B4		
C312	*C3			FB413	C2	R136	A4	R329	*C3	R462	*B2				
C313	*C3			FB414	C2	R137	A4	R330	*C3	R463	*B2	TP101	B5		
C314	*C3			FB415	C2	R138	A4	R331	*C3	R464	*B2	TP102	B4		
C315	*C3					R139	A4	R332	*C3	R465	*A2	TP103	B4		
C316	*C3					R140	A4	R333	*C3	R466	*A2	TP104	B4		
C317	*C3					R141	A4	R334	*C3	R467	*A2	TP105	B4		
C318	*C3					R142	A4	R335	*C3	R468	*A2	TP106	B5		
C319	*C3					R143	A4	R336	*C3	R469	*B2	TP107	B4		
C320	*C3					R144	A4	R337	*C3	R470	*B2	TP108	A4		
C321	*C3					R145	A4	R338	*C3	R471	*B2	TP109	A4		
C322	*C3					R146	A4	R339	*C3	R472	*B2	TP110	B5		
C323	*C3					R147	A4	R340	*C3	R473	*B2	TP111	B4		
C324	*C3					R148	A4	R341	*C3	R474	*B2	TP112	B4		
C325	*C3					R149	A4	R342	*C3	R475	*B2	TP113	A4		
C326	*C3					R150	A4	R343	*C3	R476	*B2	TP114	B4		
C327	*C3					R151	A4	R344	*C3	R477	*C3	TP115	A4		
C328	*C3					R152	A4	R345	*C3	R478	*C3	TP116	B4		
C329	*C3					R153	A4	R346	*C3	R479	*C3	TP117	A4		
C330	*C3					R154	A4	R347	*C3	R501	C1	TP201	B5		
C331	*C3					R155	A4	R348	*C3	R502	C1	TP202	B5		
C332	*C3					R156	A4	R349	*C3	R503	C1	TP203	B5		
C333	*C3					R157	A4	R350	*C3	R504	C1	TP204	C5		
C334	*C3					R158	A4	R351	*C3	R505	C1	TP205	B5		
C335	*C3					R159	A4	R352	*C3	R506	C1	TP206	B4		
C336	*C3					R160	A4	R353	*C3	R507	C1	TP207	B5		
C337	*C3					R161	A4	R354	*C3	R508	C1	TP208	B5		
C338	*C3					R162	A4	R355	*C3	R509	C1	TP209	A2		
C339	*C3					R163	A4	R356	*C3	R510	C1				
C340	*C3					R164	A4	R357	*C3						
C341	*C3					R165	A4	R358	*C3						
C342	*C3					R166	A4								
C402	*B2	D405	*C3	IC303	*B3	R211	*C5	R358	C4	R510	*C1				

SY-299

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SY-299 -A SIDE-
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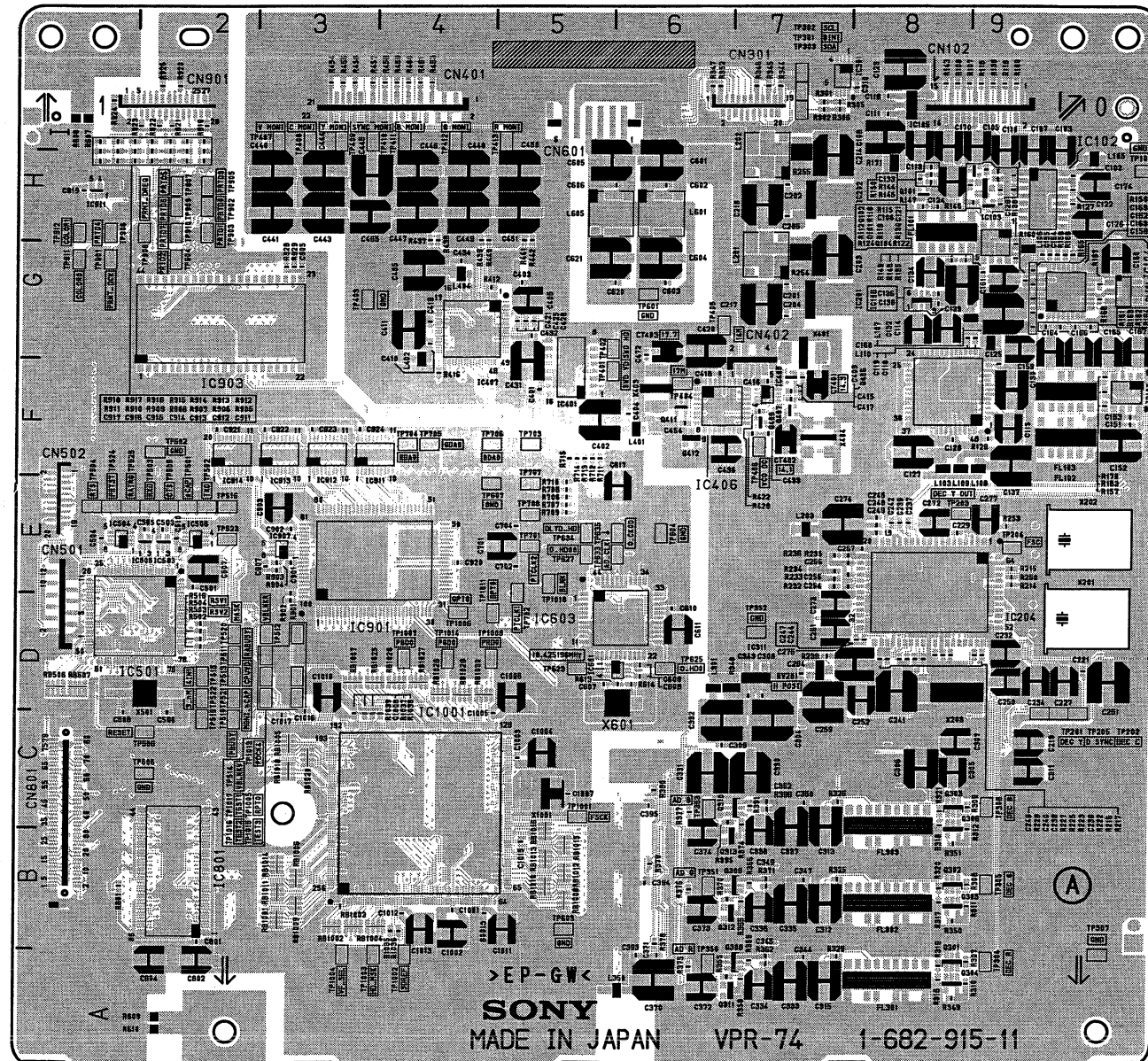


SY-299 -B SIDE-
SUFFIX: -11

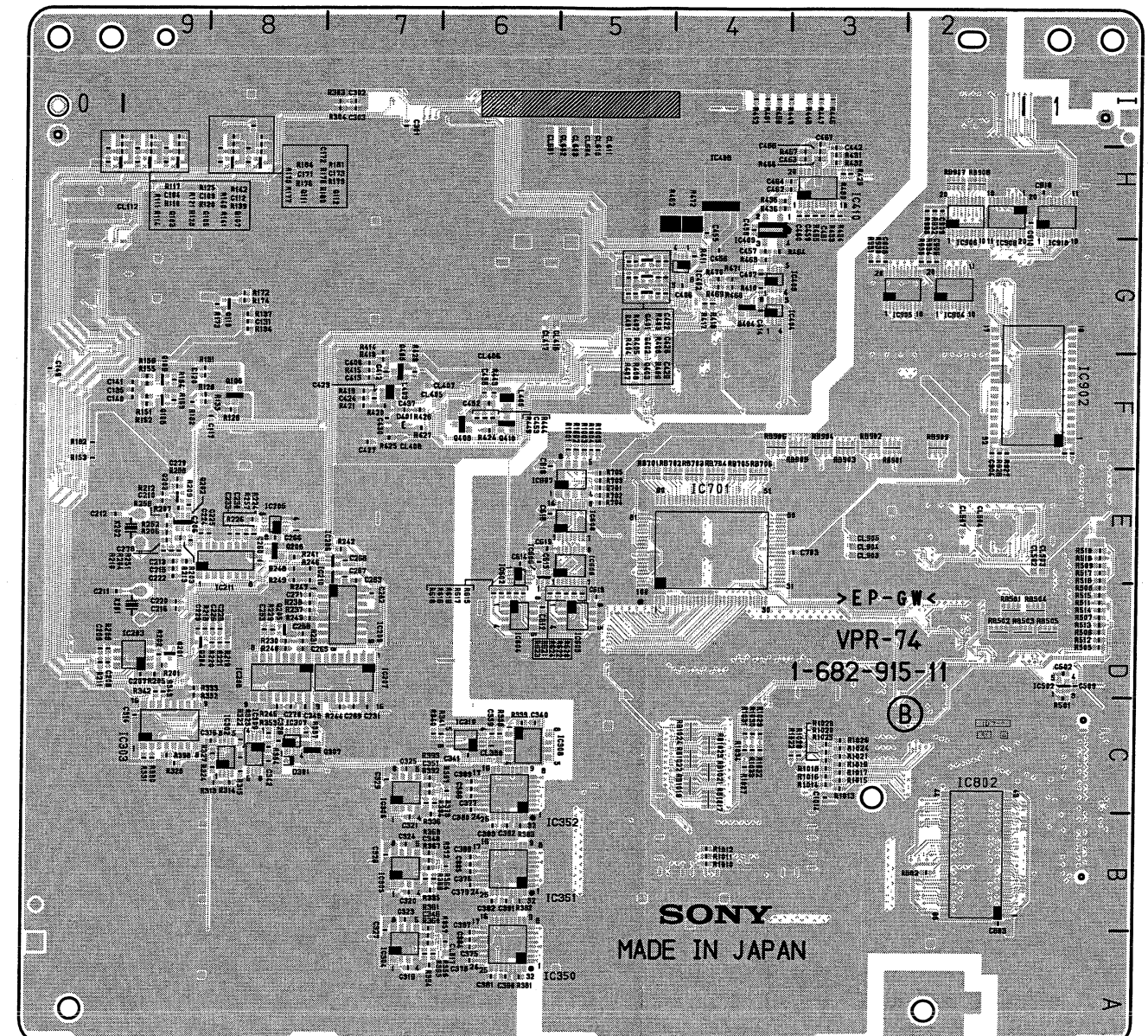
VPR-74R (1-682-915-11)

*:B SIDE

C102	H10	C229	E8	C346	*A7	C460	*H3	CL317	*A6	IC405	F7	Q306	B8	R177	*H8	R326	C7	R426	*F7	R710	E5	RB704	*E4	TP522	D2
C103	H10	C230	*E8	C347	B7	C461	*H3	CL350	*C6	IC406	F6	Q307	*C8	R178	*H8	R327	*C8	R427	*F7	R711	F5	RB705	*E4	TP523	E2
C104	*H10	C231	*C7	C348	*B7	C462	*H3	CL405	*F7	IC407	G4	Q308	A7	R179	*H8	R328	*C9	R428	F7	R712	F5	RB706	*E4	TP524	E1
C105	I9	C232	D9	C349	B7	C463	*H3	CL406	*F6	IC408	*H4	Q309	B7	R180	*H8	R329	A7	R429	*H3	R713	F5	RB901	*F3	TP525	E1
C106	H9	C233	*E8	C350	C7	C464	*H3	CL407	*F7	IC409	*H4	Q310	C7	R181	*H8	R330	*C9	R430	*H3	R714	F5	RB902	*F3	TP601	G6
C107	H9	C234	D9	C351	*C7	C465	*H3	CL408	*F6	IC410	*H3	Q311	A7	R182	*F10	R331	*C9	R431	*H3	R715	F5	RB903	*F3	TP602	F2
C108	I8	C236	D8	C352	C7	C466	*H3	CL416	*G6	IC501	D1	Q312	B7	R183	F10	R332	*C9	R432	*H3	R801	B1	RB904	*F3	TP603	B5
C109	*H9	C237	E8	C370	A6	C467	*I3	CL417	*G6	IC502	*D1	Q313	B7	R184	*I8	R333	*D9	R433	*H3	R802	*B2	RB905	*F3	TP604	E6
C110	H9	C238	D8	C371	A6	C472	G6	CL502	*E1	IC503	E2	Q401	*G5	R201	*D9	R334	*A7	R434	*H3	R901	D3	RB906	*F4	TP606	C2
C111	I8	C239	E8	C372	A6	C501	E2	CL503	*E1	IC504	E1	Q402	*G5	R202	*D9	R335	*B7	R435	*H4	R902	D3	RB907	*H2	TP607	E4
C112	*H9	C240	D8	C373	B6	C502	*D1	CL504	*E2	IC505	E2	Q403	*G5	R203	*E9	R336	*B7	R436	*H4	R903	E3	RB908	*H2	TP623	D5
C113	I8	C241	D8	C374	B6	C503	E2	CL507	*E2	IC506	E2	Q404	*G4	R204	*E9	R337	*C8	R437	H4	R904	E3	RB909	*F2	TP625	D6
C114	G8	C242	E8	C375	*A6	C504	E1	CL601	*16	IC601	D6	Q405	*F7	R205	*D9	R338	*C6	R438	H4	R905	H2	RB1001	B3	TP627	E5
C115	F9	C243	*C8	C376	*B6	C505	E2	CL602	*15	IC602	*E6	Q406	*F7	R206	*E9	R339	*C6	R439	H4	R906	H2	RB1002	B3	TP633	E6
C116	I8	C244	D8	C377	*C6	C506	C2	CL603	*15	IC603	D6	Q407	F7	R207	*E9	R340	*C7	R440	H4	R907	H2	RB1003	B3	TP634	E5
C117	*F8	C245	E8	C378	*A6	C507	E2	CL604	*15	IC604	*D6	Q408	*F6	R208	*D10	R341	*C6	R441	H5	R908	H2	RB1004	B4	TP635	E6
C118	G8	C246	D8	C379	*B6	C508	C1	CL610	*15	IC605	*D5	Q409	F7	R209	*E9	R342	*D9	R442	H5	R909	H1	RB1005	C3	TP701	E5
C119	G9	C247	D8	C380	*C6	C509	*D1	CL611	*15	IC606	*E6	Q410	*F6	R210	*E9	R343	*D9	R443	*F6	R910	H1	RB1006	B3	TP702	D5
C120	*F9	C248	E8	C381	*A6	C510	E2	CL903	*E3	IC607	*E5	Q411	F6	R211	*D10	R344	I7	R444	*F6	R911	H1	RB1007	D3	TP703	F5
C121	H9	C249	E8	C382	*B6	C601	H6	CL904	*E3	IC608	*E5	Q412	F6	R212	*E9	R345	I7	R445	*F6	R912	I2	RB1008	B5	TP704	F4
C122	H10	C250	D9	C383	*B6	C602	H6	CL905	*E3	IC609	*E5			R213	*E9	R346	I7	R446	*I3	R913	I2	RB1009	B3	TP705	F4
C123	I8	C251	D10	C384	*A6	C603	G6			IC701	*E4	R107	I8	R214	E9	R347	I6	R447	*I3	R914	I2	RB1010	B5	TP706	F4
C124	H8	C252	D8	C385	*B6	C604	G6	CN102	I9	IC801	B2	R108	I8	R215	E9	R348	D7	R448	*I3	R915	I2	RB1011	B3	TP707	E5
C125	F9	C253	*D8	C386	*C6	C605	H5	CN301	16	IC802	*B2	R109	I9	R216	D9	R349	A8	R449	*I3	R916	I1	RB1012	B5	TP708	E5
C126	H10	C254	E7	C387	*A6	C606	H6	CN401	14	IC901	E3	R110	*H10	R217	D9	R350	B8	R450	*I4	R917	I1	RB1013	B5	TP901	G1
C127	F8	C255	E7	C388	*B6	C607	D5	CN402	F7	IC902	*F1	R111	*H10	R218	*D8	R351	B8	R451	*I4	R918	I1	RB1014	B3	TP902	H2
C128	F8	C256	E7	C389	*C6	C608	D6	CN501	D1	IC903	G2	R112	H8	R219	*D8	R352	I6	R452	*I4	R919	I2	RB1015	B5	TP903	H2
C129	G9	C257	E8	C390	*A6	C609	D6	CN502	F1	IC904	*G2	R113	I9	R220	*D8	R353	*C8	R453	I4	R920	I2	RB1016	B5	TP904	G2
C130	F9	C258	*D8	C391	*B6	C610	D6	CN601	16	IC905	*G3	R114	*H10	R221	*D8	R354	*C8	R454	I3	R921	I2	RB1017	*C4	TP905	H2
C131	*G8	C259	D7	C392	*B6	C611	D6	CN801	B1	IC906	*H2	R115	H9	R222	D8	R355	A6	R455	I3	R922	I2	RB1018	C3	TP906	H1
C132	G8	C260	*E8	C393	A6	C612	*D6	CN901	I1	IC907	*E3	R116	H9	R223	D8	R356	*A7	R456	I3	R923	I2	RB1019	*C4	TP907	H2
C133	H8	C261	D7	C394	B6	C613	*D5			IC908	*H2	R117	*I10	R224	*E8	R357	*A6	R457	I3	R924	I1	RB1020	C3	TP908	H2
C134	G8	C262	*D7	C395	C6	C614	*E6	CT401	F7	IC909	H1	R118	I9	R225	D8	R358	A7	R458	I4	R925	I2	RB1021	*C4	TP909	H2
C135	*F9	C263	*D7	C401	F5	C615	*E6	CT402	F7	IC910	*H1	R119	H9	R226	*E8	R359	A7	R459	I4	R926	*F2	RB1022	*C4	TP910	H2
C136	G8	C264	D7	C402	F5	C616	*E6	CT403	G6	IC911	F3	R120	*H9	R227	D8	R360	*A7	R460	I4	R927	*F2	RB1023	*C4	TP911	G1
C137	F9	C265	*D8	C403	G5	C617	E6			IC912	F3	R121	*H9	R228	D8	R361	*A7	R461	I4	R928	G3	RB1024	*C4	TP912	H1
C138	G8	C266	*E8	C404	F6	C618	*E6	D101	H9	IC913	F3	R122	*H9	R229	*D8	R362	A7	R462	*H5	R929	G3	RB1025	D4	TP1001	C5
C139	G8	C267	*E7	C405	G5	C619	*E6	D301	*C8	IC914	F2	R123	*H9	R230	*D8	R363	*A7	R463	*G4	R930	*G3	RB1026	D4	TP1002	A4
C140	*F9	C268	*E7	C406	*G4	C620	G6	D401	*F7	IC1001	C4	R124	H9	R231	*D8	R364	*B7	R464	*G4	R931	*G3	RB1027	D4	TP1003	A4
C141	*F9	C269	*C7	C407	*G4	C621	G5					R125	*I9	R232	E7	R365	B7	R465	*H3	R932	*H2	RB1028	D4	TP1004	A3
C149	*F10	C270	*C8	C408	*F7	C701	E5	DL101	G10	KA001	B10	R126	*F8	R233	E7	R366	B7	R466	*H3	R933	*H2	RB1029	D4	TP1005	D3
C151	F10	C271	*D8	C409	F7	C702	E5			KA002	I1	R127	H10	R234	E7	R367	*B7	R467	*H3	R934	*G2	RB1030	D4	TP1006	D4
C152	F10	C272	E8	C410	G4	C703	*E3	FL101	H8			R128	*F9	R235	E7	R368	*B7	R468	*G4	R935	*G2			TP1007	D4
C153	F10	C273	D7	C411	G4	C704	E5	FL102	F10	KB001	*A10	R129	F9	R236	E7	R369	*B7	R469	*G4	R936	*F1	RV201	D7	TP1008	D4
C154	G9	C274	E7	C412	*F7	C801	B2	FL103	F10	KB002	*I1	R130	H9	R237	*D8	R370	B6	R470	*G4	R937	*F1			TP1009	D4
C155	G9	C275	D8	C413	*F7	C802	A2	FL301	A8			R131	*F9	R238	*D8	R371	B7	R471	*G4	R1001	*F5	TP101	H10	TP1013	D3
C158	G9	C277	E9	C414	*G4	C803	*B2	FL302	B8	L103	F8	R132	*F9	R239	*D7	R372	*C6	R472	*H4	R1002	*F5	TP201	C9	TP1014	D4
C159	G9	C278	*E9	C415	F7	C804	A2	FL303	C8	L105	H10	R133	*F9	R240	*D8	R373	*C7	R501	*C1	R1003	*F5	TP202	C10	TP1015	D3
C160	G10	C279	*E9	C416	F7	C901	E3			L106	G9	R134	*G8	R241	*E8	R374	C7	R502	D2	R1004	*F5	TP203	E8	TP1016	D3
C161	G9	C301	*I7	C417	F7	C902	E3	HA001	B10	L107	G9	R135	*E7	R242	*E7	R375	A6	R503	D2	R1005	*F5	TP204	E9	TP1017	D3
C162	G9	C302	*I7	C418	F6	C903	E3	HA002	I1	L108	F9	R136	*C8	R243	*D7	R376	B6	R504	D2	R1010	*B4	TP205	C10	TP1018	E5
C163	G9	C303	*I7	C419	G4	C904	*F2			L109	F8	R137	*G8	R244	*C7	R377	C6	R505	*D1	R1011	*B4	TP301	I7		
C164	G9	C304	C7	C420	G6	C905	G3	HB001	*B10	L110	G9	R138	I9	R245	*C8	R378	B6	R506	*D1	R1012	*B4	TP302	I7	X201	D9
C165	G10	C305	C8	C421	G5	C906	*G2	HB002	*I1	L201	G7	R139	*H9	R246	*C8	R379	B6	R507	*D1	R1013	*C3	TP303	I7	X202	E9
C166	G10	C306	C8	C422	*G5	C907	E3			L202	H7	R140	*H9	R247	*E8	R380	C6	R508	*D1	R1014	*C3	TP304	A9	X203	D8
C167	G10	C307	C8	C423	*F7	C908	*G3	IC102	H9	L203	E7	R141	*H9	R248	*E8	R381	*A6	R509	*E1	R1015	*C3	TP305	B9	X401	G7
C168	G9	C308	D7	C424	*F7	C909	*H2	IC103	G9	L301	D6	R142	*I9	R249	*E8	R382	*B6	R510	*E1	R1016	*C3	TP306	C9	X403	F6
C169	G9	C309	C6	C425	G5	C910	*H1	IC104	G10	L350	A6	R143	I8	R250	E9	R383	*B6	R511	*D1	R1017	*C3	TP307	A10	X404	F7
C170	I8	C310	I8	C426	*G5	C911	H2	IC105	I8	L401	F6	R144	H8	R251	*E9	R391	C7	R512	*D1	R1018	*C3	TP350	A6	X501	D2
C171	*H8	C311	C9	C427	*F7	C912	H2	IC106	G8	L402	F4	R145	H8	R252	*E9	R392	*C7	R513	*D1	R1019	*C3	TP351	B6	X601	D6
C172	*I8	C312	B7	C428	*G5	C913	H2	IC107	F10	L403	*F7	R146	H8	R253	E9	R393	*C7	R514	*D1	R1020	*C3	TP352	D7	X1001	C5
C173	*H8	C313	C7	C429	*G5	C914	H2	IC109	F8	L404	G4	R147	H8	R254	G7	R394	*C7	R515	*D1	R1021	*C3	TP353	C6		
C174	H10	C314	*C9	C430	*F7																				



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